

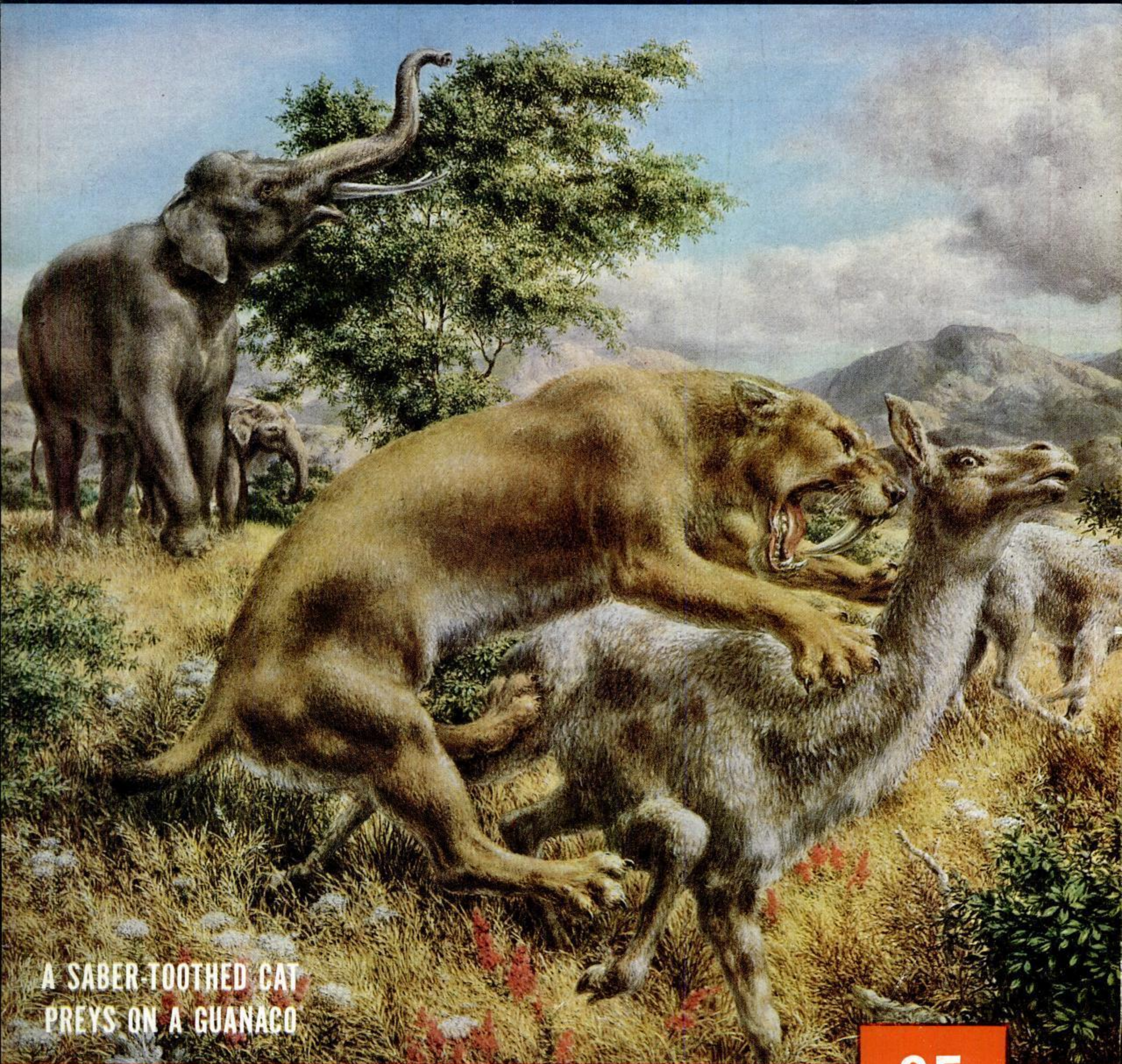
# LIFE

## BLACK AFRICA IN TUMULT

ROBERT COUGHLAN'S FIRSTHAND REPORT

---

### DARWIN'S DISCOVERY—A FOSSIL WORLD OF EXTRAORDINARY ANIMALS



A SABER-TOOTHED CAT  
PREYS ON A GUANACO

JANUARY 26, 1959

25 CENTS



## Absent-minded Prof parks wife, kisses Rambler



Once there was a professor who got called into the college president's office. "Is it true," said the prexy, "that last week you parked your wife and kissed your new 1959 Rambler?" "Yes, sir," said the prof, "but . . ."



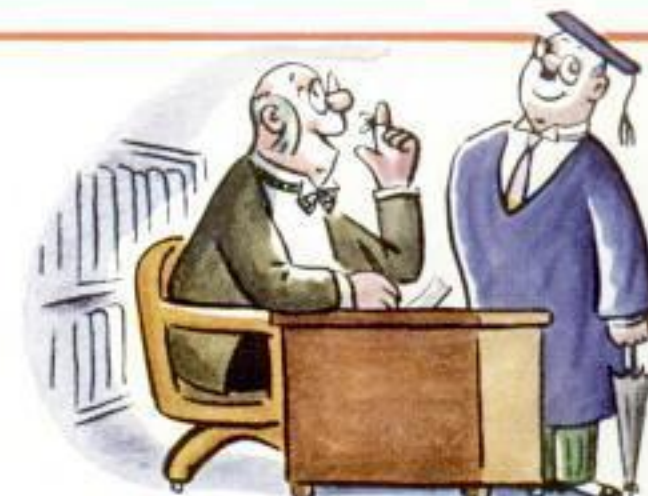
"Such absent-mindedness is appalling," said the prexy. "But, sir," said the prof, "that wasn't absent-mindedness! Remember that big gas-guzzler I used to drive that didn't fit my garage and my wife couldn't park?"



"Well, I decided to trade it for a little foreign car, but my wife said, 'We have four children, dear. Remember?' 'Bless my soul,' I said, 'so we do.' Then my brightest student told me about Rambler—big car room, small car economy."



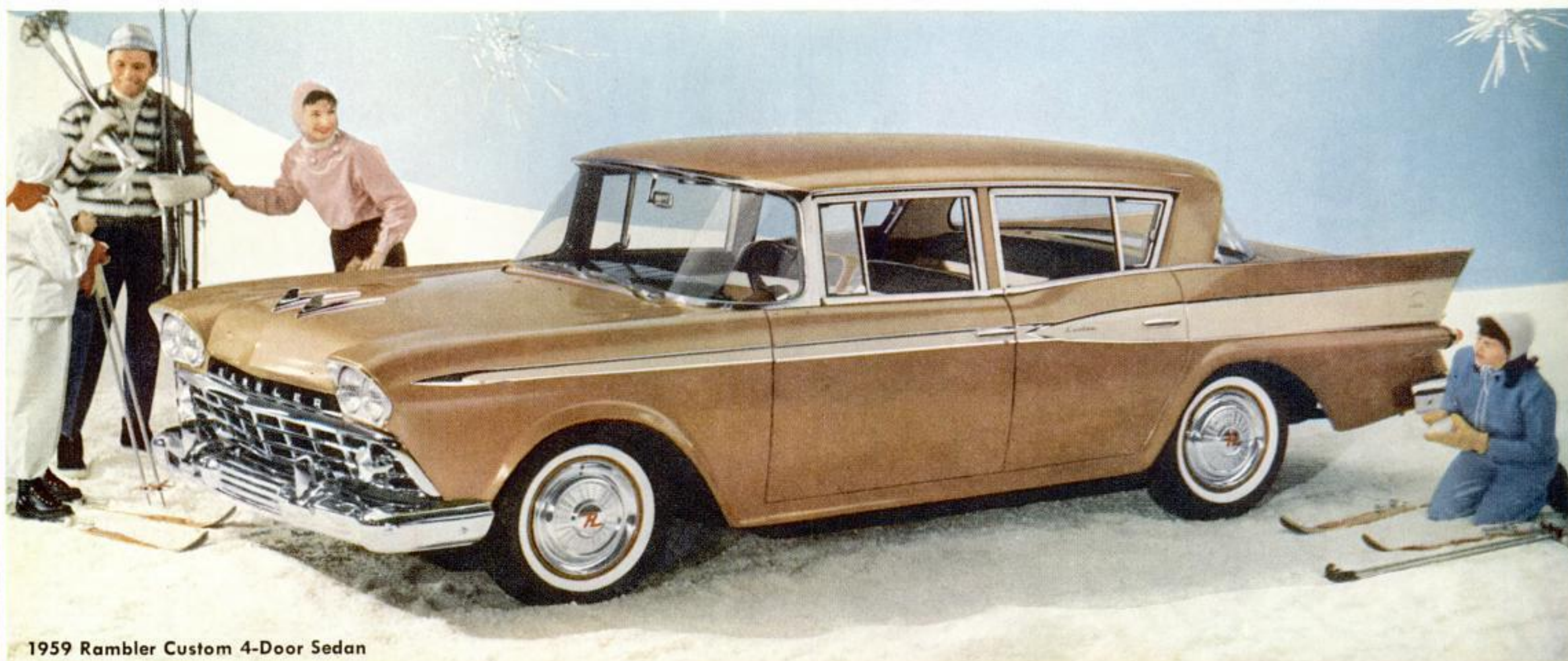
"So I got a Rambler and last week when I had to go to that conference at State U., I parked my wife at her mother's and kissed my Rambler because it's a sweetheart of a car and gets twice the mileage of my former big car," said the prof.



"That's what this string on my finger is for," said the prexy. "My wife said we're only getting five to nine miles per gallon—or is it five to nine gallons per mile—on our big car. So where is that Rambler dealer?"

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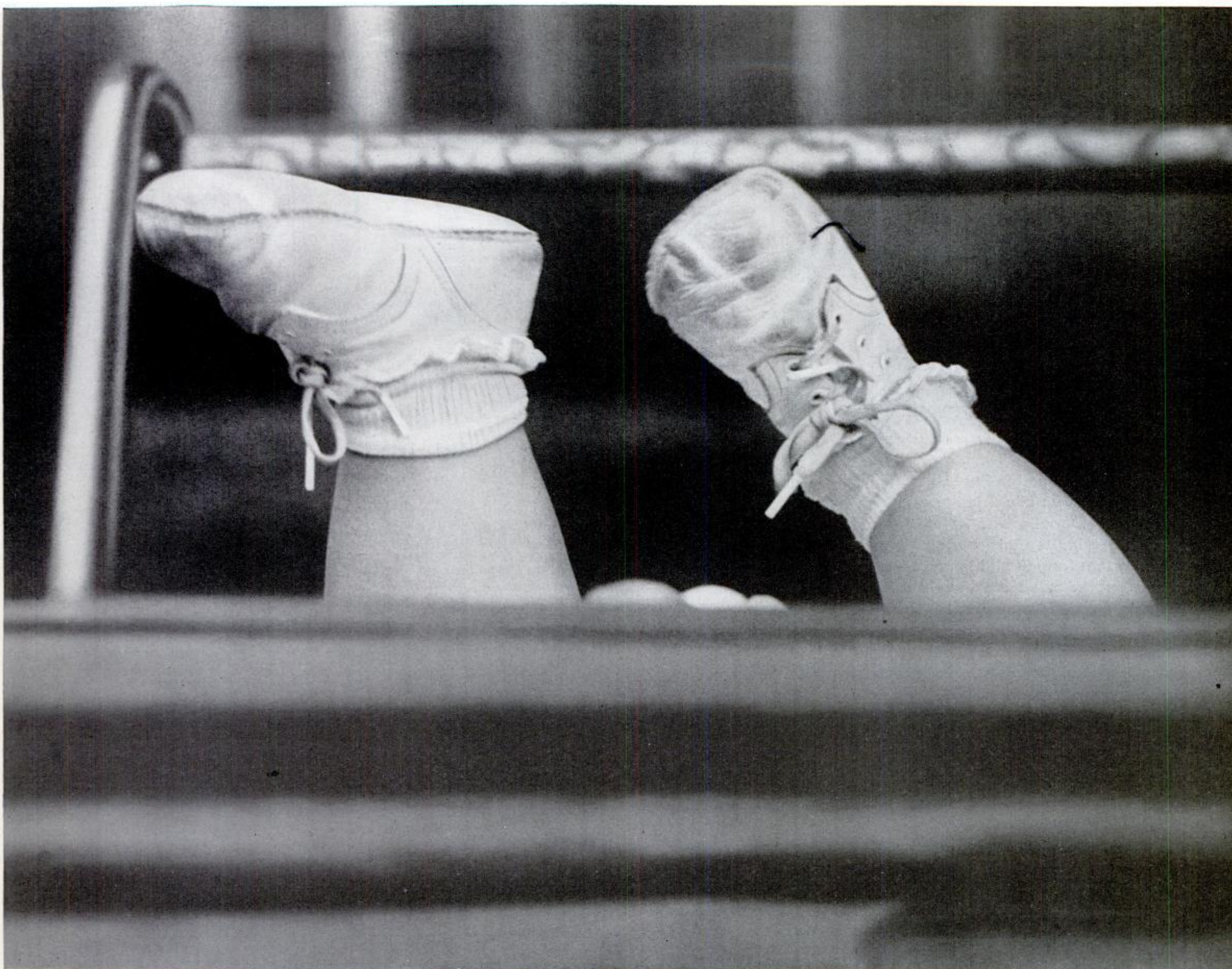


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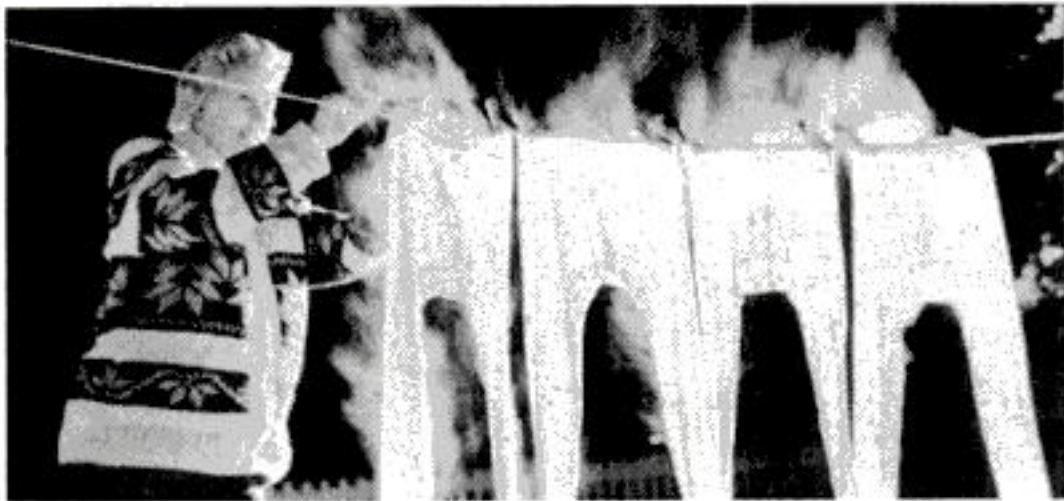
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# THE IMPORTANCE OF WANDERING



THE STIFF WASH OF AN ALASKAN HOUSEWIFE

"It is a high satisfaction," wrote Charles Darwin, "to behold various countries and the many races of mankind." Darwin, who hated the discomforts of traveling, admitted this grudgingly, but he knew how important foreign sights had been to his own thinking. He believed the travels and migrations of living creatures were essential to evolution. We believe so, too. That is why we send out correspondents and keep abreast of evolutionary movements in sparsely touristed corners of the globe.

For one such movement, vividly depicted in this issue, our informant is none other than Darwin himself. This is the dramatic clash which took place a million years ago between North and South American animals as they streamed across the newly risen Isthmus of Panama. Described in Darwin's *World of Nature*, Part IV (pp. 46-64), it exterminated many species but in the main enriched the faunas of both continents.



GIANT BOLIVIAN SLOTH

Another great evolutionary movement—similar, except that it has to do with men and societies—is the political turmoil described by Staff Writer Robert Coughlan in the first of two penetrating reports on Africa (pp. 100-110). There, as Western civilization streams in over isthmuses of modern transportation, whole peoples are "exploding out of the Stone Age."

A mass movement which has transformed a vast region is that of Americans to Alaska. Our story (pp. 14-21) shows how well the American way of life survives the foreign climate of the 49th state.

Immigration has had a lot to do with the growth of Alaska—and of the U.S. as a whole. How America can also blend cultures abroad is symbolized by our new embassy in India (p. 37). Praised by Indians, it represents the kind of courtesy and *savoir-faire* which we, as Americans, are proud of. By reporting on it and in general by giving Americans "the satisfaction of beholding various countries and races," we like to think we are helping the U.S. guide an ever smaller world toward democracy—and toward the prosperity which will bring African tourists to dark Alaska and Eskimo tourists to Accra.



RIOTING AFRICAN

## COVER

Saber-tooth cat, an invader from North America, attacks terrified guanaco in Bolivian valley some half-million years ago as elephantine Mastodon and her young one browse in background. Dramatic moment in evolution reconstructed here stems from findings of Darwin (see pp. 46-64)

## THE WEEK'S EVENTS

- Living at 30° below: Alaska thrives amid winter gloom. Photographed for LIFE by Gordon Tenney 14
- The killing in Cuba and a moral issue: the Castro brothers defend their mass executions 22
- A Look at the World's Week 29
- Furore in fight world: pugs, promoters split on the I.B.C. case 32
- Diplomatic temple: America's embassy wins India's praise 37
- The return of Lisa Rose 87

## EDITORIAL

- Labor at a crossroad 24

## PICTORIAL ESSAYS

- Strange creatures of a lost world: their fossil bones revealed to Darwin the continuity of life. Darwin's *World of Nature*, Part IV. Illustrated for LIFE by Jean and Rudolph F. Zallinger. Text by Lincoln Barnett 46
- Blessings of bachelorhood: like nine million U.S. males, Billy Mitchell savors singleness while it lasts. Photographed for LIFE by Grey Villet 95

## ARTICLE

- Black Africa surges to independence: aroused by new leaders and problems, vast continent explodes out of the Stone Age into the modern world. By Robert Coughlan 100

## SPORTS

- Summery sport for skiers: swimmers dip in outdoor pool surrounded by snow 40

## CLOSE-UP

- Bright days for a "bum": "Pappy" Boyington's reformed life lends him new stature 67

## ART

- Modern coup at the Carnegie 77

## FASHION

- The high shape of hats to come 82

## PARTY

- Key-holders open a new clubhouse: Gaslight gangs gather for Washington whoop-up 115

## OTHER DEPARTMENTS

- Letters to the Editors 4
- Speaking of Pictures: photo war on "bugs" 10
- Miscellany: fall of the house of Inman 118

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**This One**



FT36-PZZ-PZY8



# LETTERS TO THE EDITORS

## RED CHINA'S BID FOR FUTURE

Sirs:

Again Henri Cartier-Bresson has demonstrated his almost uncanny ability to combine the talents of a great editor with those of a superb photographer. His photographs of Communist China ("Red China Bid for a Future," *LIFE*, Jan. 5) give the most informative and thought-provoking summary of conditions there that I have seen.

LLOYD H. MACMORRAN

Oakland, Calif.

Sirs:

Congratulations on your revealing article on the new life in China. This should be "must reading" for free men everywhere and should be distributed to schools throughout the world.

JOHN W. MAHAN  
Commander in Chief

Veterans of Foreign Wars of the U.S.  
Kansas City, Mo.

Sirs:

As a high school teacher, I'm going to suggest to all my classes that they read this article and realize how thankful they should be to live in America.

CAROL MILLS

Terre Haute, Ind.

Sirs:

Having spent several years in Peking, I was distressed to see the picture of the incentive poster extolling the Ming Tombs Dam, for it appears as if the whole valley had been flooded. Does Cartier-Bresson happen to know what became of the avenue of stone animals along the Holy Way leading to the Ming Tombs?

TED STUART

Encinitas, Calif.



STONE ANIMALS LINE APPROACH TO MING TOMBS

● Cartier-Bresson visited the area, says the Holy Way is safely above the damsite.—ED.

Sirs:

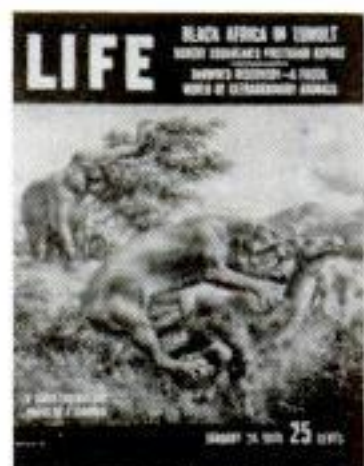
You state that all personal possessions are denied the peasant, yet two of the gentlemen on your cover have beautiful wrist watches.

PAT SLACHIK

Grand Rapids, Mich.

● Possessions are confiscated less in cities than in communes. The youths on the cover are in Shanghai.—ED.

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Sirs:

I can only pray for these poor people, and thank God that I live in this country. Surely such cruelty and inhumanity cannot last long.

MRS. ROBERT B. KRONER

Newark, N.J.

## THE TALKING SATELLITE

Sirs:

No wonder it was hard to understand the President's satellite message the first time around ("The Big Bird Orbits Words of Peace," *LIFE*, Jan. 5). The punched holes in the teletype tape don't match the letters. Or did you reproduce the wrong tape?

R. B. COLLINSON

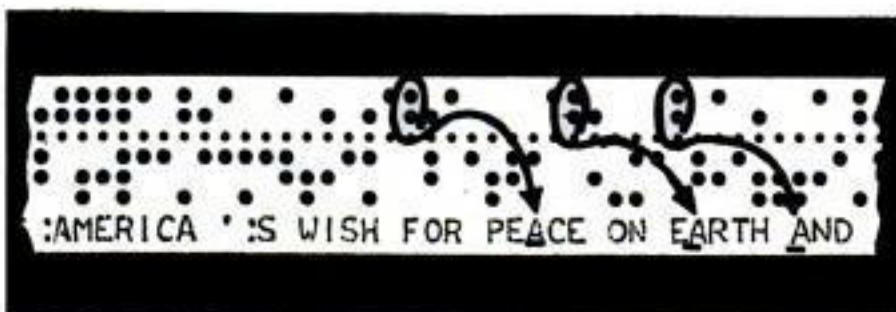
San Francisco, Calif.

Sirs:

As producers of the teleprinter equipment used in this and other space age experiments, we hasten to explain that because of cramped space in the satellite it was necessary to have the letters run six spaces ahead, even though both letters and holes are produced simultaneously. If you will count six spaces back from each letter, you will find that they match holes correctly.

DAVID S. McNALLY

Kleinschmidt Laboratories  
Deerfield, Ill.



HOW HOLES MATCH LETTERS ON TELETYPE TAPE

Sirs:

I wonder how many other Americans got a pain in the pocketbook when they read of that secret society called the Exclusive 88 Club?

As an ex-security officer I recognize as well as anyone the need for secrecy, but when this is extended to the point of wasting the taxpayers' money by changing at night what was done during the day, by confusing those not "on the inside" with false circuits and by generally not letting the left hand know what the right hand is doing, one suspects that those responsible are six-foot, 185-pound, gifted children. You can bet that the Russians aren't playing any games like that!

It is possible, too, that future failures will result from someone not calling attention to deviations because he believes that the "club" is at it again.

JACK A. KOEFOOT

Chicago, Ill.

Sirs:

Since when does this nation have time to be playing games? As a test engineer on a Navy missile project, I can say from experience that all personnel should be fully informed on the nature and objectives of the test they are conducting. The way to maintain security is to run these projects with only the minimum number of people necessary. This would automatically do away with the "club" and its buffoonery. Let's keep the jokes out of the Control Rooms in Cape Canaveral and remind ourselves how the free world is depending upon us to answer Russia's space challenge.

JOHN MARCHERET

Succasunna, N.J.

## HOPSCOTCH

Sirs:

Your article on hopscotch in the Chattanooga school ("Hipped on Hopscotch," *LIFE*, Jan. 5) reminded me of an interesting version of the game's origin. It was first played by early Greek children to whom the snail-like spiral represented the labyrinth of the half-man, half-bull Minotaur of ancient Crete. The children, who in legendary times had been sent as annual tributes to the monster, hopped around the spiral "to get home."

Later, in the Christian era, the labyrinth of the pagan legend was changed to the shape of a cross, which symbolized "getting to heaven by way of the cross."

BRUCE W. MERWIN

Lakeland, Fla.

## A LOOK AT THE WORLD'S WEEK

Sirs:

I predict a happy marriage for Ingrid Schmidt ("A Look at the World's Week," *LIFE*, Jan. 5). She seems to be floating on air.

SALLY HILL

Guilford, Conn.

Sirs:

I have heard of losing your head over men but Ingrid seems to have lost her legs over Lars.

PATRICIA A. GIGUERE  
Morristown, N.J.



## EDITORIAL

Sirs:

Congratulations on the editorial about human excellence ("Excellence: A Model for Any Year," *LIFE*, Jan. 5). It was really fine and the more such ideas get about the better for the American people.

EDGAR ANSEL MOWRER

Washington, D.C.

Sirs:

As headmaster of the boys' school mentioned anonymously in your editorial on excellence, I thought you might like to know of the reaction to Dr. Vannevar Bush's address here. At the end of his speech to the faculty and some 400 fathers of Pingry boys, the audience gave him a spontaneous standing ovation, something I have never before seen accorded a Father's Day speaker in my 23 years with the school.

E. LAURENCE SPRINGER

The Pingry School  
Elizabeth, N.J.

Sirs:

Your editorial on excellence, and your comment on Dr. Vannevar Bush's concept of the "gentleman of culture," is certainly correct. But is this really a new model of excellence for our society?

Achievement and behavior have simply been forgotten. Then again, perhaps thinking of these qualities as novel may help such as we are today to steer toward them.

W.G.B. THOMAS

Old Lyme, Conn.

## AN 80TH WEDDING ANNIVERSARY

Sirs:

Your article on the Petersons ("An 80th Wedding Anniversary," *LIFE*, Jan. 5) was very heartwarming. However, while the elder Mr. Peterson looks like a grand old gentleman, the fact that our state laws are so lax as to allow a 98-year-old person to drive a car gives me a chill.

MRS. CHARLES SCROI

Buffalo, N.Y.

● Utah requires an eye test every five years for elderly drivers, and Mr. Peterson passes it without difficulty. However, out of personal prudence, he drives only around his farm.—ED.

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## *He was everybody, grown a little taller...*

LET'S SKIP all the things you've read about him, all the things you've heard too often or too young. Forget the face on the penny, the speech at Gettysburg. Forget the official things and look at the big thing. What was there about Abraham Lincoln?

He came out of nowhere special. His folks were nobody special. Abe was a smart boy, but not too smart. He told funny stories. He was strong and kind. He'd never try to hurt you, or cheat you, or fool you. Young Abe worked at odd jobs and read law books at night. Eventually he found his way into local politics. And it was then that people began to know there was something special about Abe Lincoln. Abe had a habit of growing without changing. So it seemed perfectly natural to find him padding around the White House in his slippers,

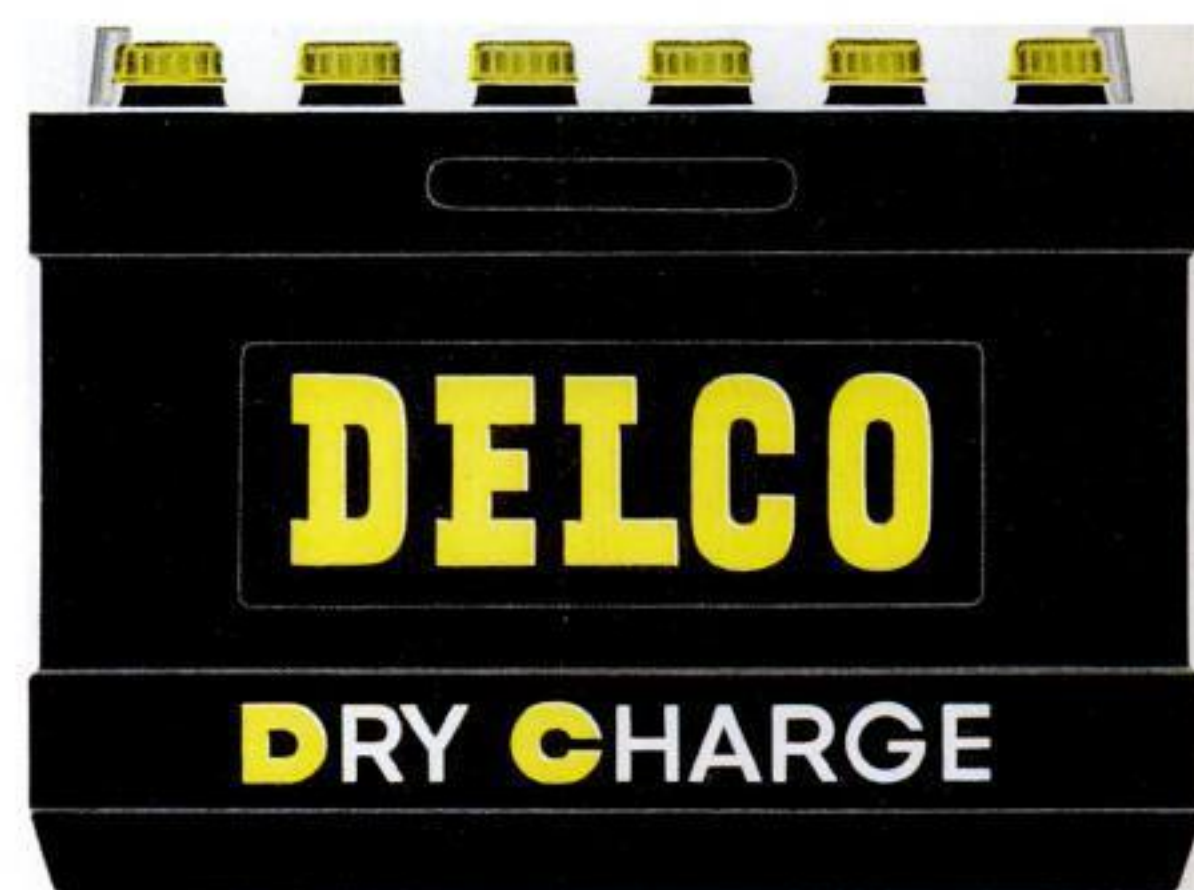
putting his feet on a chair when he had a deep one to think about. And when the war came that might have torn his country apart, no one doubted what Abe would do. He was a family man. He resolved to keep the American family together.

Abe Lincoln always did what most people would have done, said what they wanted said, thought what they would have thought when they stopped to think about it. He was everybody, grown a little taller—proof of our American faith that greatness comes out of everywhere when it is free to come.

*John Hancock*  
MUTUAL LIFE INSURANCE COMPANY  
BOSTON, MASSACHUSETTS



# 100% FRESH



If all batteries were as fresh as this little rascal you could buy 'em blindfolded. But they aren't! That's why smart buyers always ask for a Delco DC. You see the dealer add the fluid, so you know the battery has to be fresh—100% fresh. Makes sense, doesn't it? You're always sure with a Delco DC, the dry charge battery with everything—quality, dependability, long life . . . extra starts at no extra cost.

6- AND 12-VOLT MODELS FOR ALL CARS—A GENERAL MOTORS WARRANTY GOOD ALL OVER THE UNITED STATES AND CANADA

QUALITY BUILT BY DELCO-REMY, AVAILABLE EVERYWHERE THROUGH



GENERAL MOTORS STARTS WITH DELCO BATTERIES



# The RCA VICTOR Society of Great Music

UNDER THE DIRECTION OF THE Book-of-the-Month Club

... can help you build a fine record library at an immense saving

AS A BEGINNING, IN THIS TRIAL MEMBERSHIP, YOU CAN CHOOSE  
**EITHER** OF THESE MULTI-RECORD ALBUMS FOR ONLY \$3.98

## 69 BELOVED WORKS OF CHOPIN

POLONAISES • WALTZES • NOCTURNES • IMPROMPTUS • PRELUDES

PLAYED BY

Artur Rubinstein



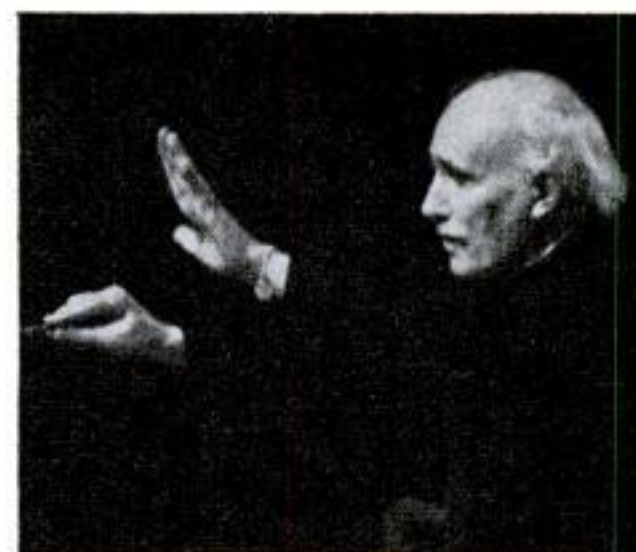
IN AN ALBUM OF SIX 12"  
33 1/3 R.P.M. LONG-PLAYING  
RECORDS (NATIONALLY ADVERTISED  
PRICE \$29.98)



## ARTURO TOSCANINI

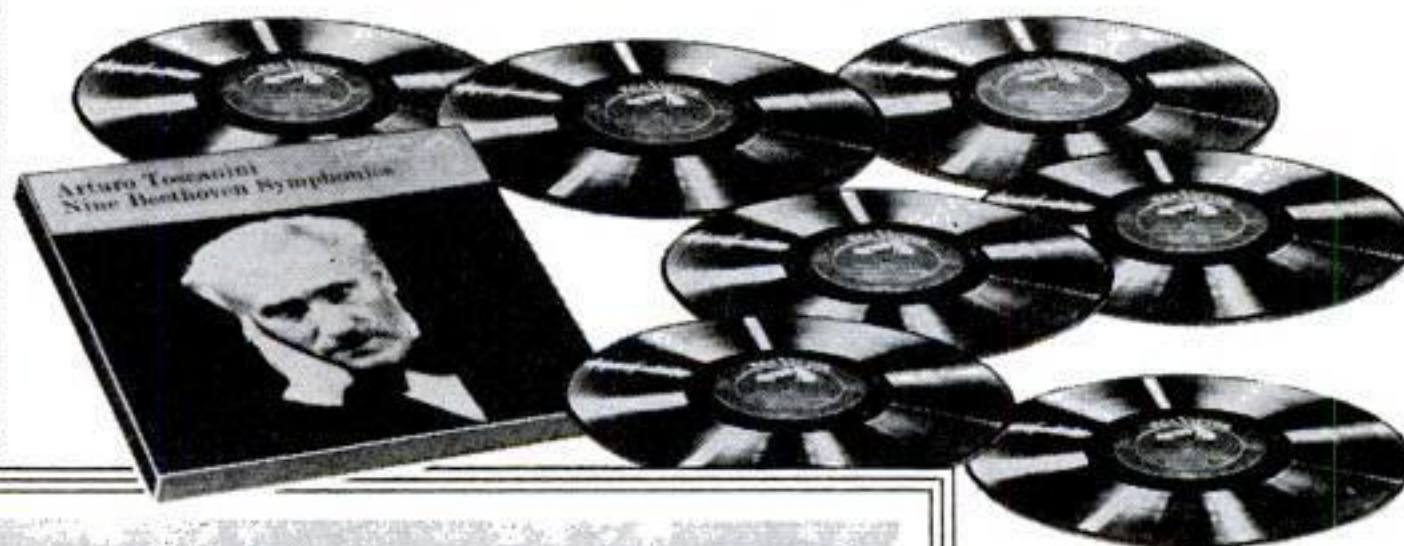
CONDUCTING THE  
NBC SYMPHONY ORCHESTRA  
IN

AN ALBUM OF SEVEN  
12" 33 1/3 R.P.M. LONG-  
PLAYING RECORDS OF



## BEETHOVEN'S NINE SYMPHONIES

(NATIONALLY ADVERTISED PRICE \$34.98)



THE SOLE CONDITION OF MEMBERSHIP IS TO BUY SIX ADDITIONAL RECORDS FROM  
THE SOCIETY DURING THE NEXT YEAR FROM AT LEAST 100 THAT WILL BE AVAILABLE

### THE SENSIBLE PLAN: SYSTEMATIC COLLECTION

MOST music lovers, in the back of their minds, certainly intend to build up for themselves a representative record library of the World's Great Music. Unfortunately, almost always they are haphazard in carrying out this aspiration. Because of more systematic collection by members of the Society, operating costs can be greatly reduced and great savings can be passed on to record collectors. The remarkable Introductory Offer above is a dramatic demonstration.



★ After their sixth purchase, continuing members can build their record libraries at almost a **ONE-THIRD SAVING** over the manufacturer's nationally advertised price. For every two

records purchased (from a group of at least 100 made available annually by the Society) members will receive a third RCA VICTOR Red Seal Record free.

★ A cardinal feature of the plan is **GUIDANCE**. The Society has a Selection Panel whose sole function is to recommend "must-have" works for members. Members

of the panel are: **DEEMS TAYLOR**, composer and commentator, Chairman; **SAMUEL CHOTZINOFF**, General Music Director, NBC; **JACQUES BARZUN**, author and music critic; **JOHN M. CONLY**, editor of *High Fidelity*; **AARON COPLAND**, composer; **ALFRED FRANKENSTEIN**, music editor of the *San Francisco Chronicle*; **DOUGLAS MOORE**, composer and Professor of Music, Columbia University; **WILLIAM SCHUMAN**, composer and president of Juilliard School of Music; **CARLETON SPRAGUE SMITH**, chief of Music Division, N. Y. Public Library; **G. WALLACE WOODWORTH**, Professor of Music, Harvard University.

### HOW THE SOCIETY OPERATES

EACH month, three or more 12-inch 33 1/3 R.P.M. RCA VICTOR Red Seal Records are announced and described to members. One is singled out as the *record-of-the-month* and, unless the Society is otherwise instructed (on a simple form always provided), this record is sent to the member. If the member does not want the work he may specify an alternate, or instruct the Society to send him nothing. For every record purchased, members pay only \$4.98, the nationally advertised price. (For every shipment a small charge for postage and handling is added.)



RCA VICTOR Society of Great Music  
c/o Book-of-the-Month Club, Inc.  
345 Hudson Street, New York 14, N. Y.

V22-1

Please register me as a member of *The RCA Victor Society of Great Music* and send me immediately the RCA VICTOR album checked below, billing me \$3.98 plus a small charge for postage and handling. I agree to buy six additional records within twelve months from those made available by the Society, for each of which I will be billed \$4.98, the manufacturer's nationally advertised price (plus a small charge for postage and handling). Thereafter, I need buy only four such records in any twelve-month period to maintain membership. I may cancel my membership any time after buying six records from the Society (in addition to those included in this introductory offer). After my sixth purchase, for every two records I buy from the Society I will receive a third RCA VICTOR Red Seal Record, free.

☐ RUBINSTEIN PLAYS CHOPIN  
☐ THE NINE BEETHOVEN SYMPHONIES

MR. }  
MRS. }  
MISS } (Please print plainly)

ADDRESS .....

CITY ..... ZONE .....

STATE .....

NOTE: If you wish to enroll through an authorized RCA VICTOR dealer, please fill in here:

DEALER'S NAME .....

ADDRESS .....

PLEASE NOTE: Records can be shipped only to residents of the U. S. and its territories, and Canada. Records for Canadian members are made in Canada and shipped duty free from Ontario.





## The true old-style Kentucky bourbon

always smoother because it's slow-distilled

There are less costly ways to make bourbon—but they'll never give you the smoothness you get in Early Times. The extra care and attention of slow distilling ... the patient willingness to take more than twice as long ... this is the old-style way, the smoothing way to make whisky. Ask for Early Times—the whisky that made Kentucky whiskies famous.

**EARLY TIMES**

KENTUCKY STRAIGHT BOURBON WHISKY • 86 PROOF • EARLY TIMES DISTILLERY COMPANY, LOUISVILLE 1, KY.

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## “That’s where we get our second income”

John and Joan have a comfortable income and they know just what to do with his pay check. They invest part of it in common stock listed on the New York Stock Exchange. They have been doing this for years, with the friendly, helpful advice of a Member Firm . . . and now they are part-owners of several prosperous companies from which they get a welcome second income.

Getting facts and good advice is the first step for most people planning to invest. Fortunately, such help is readily available.

### Enter the Registered Representative

Member Firms of the New York Stock Exchange agree to live up to the strict rules of the Exchange. They have specially trained people to work with investors, to help them determine their needs and select securities—whether common or preferred stock or bonds. These are Registered Representatives.

To become registered, the Representative has to pass an examination on his knowledge about the securities

business. His personal integrity and business background, of course, are carefully scrutinized.

### Facts are his stock in trade

Member Firms, altogether, spend millions of dollars on research to get facts for investors. A Registered Representative, or Partner, of a Member Firm will be glad to share his knowledge as well as his experience with you. Without cost, of course. He’ll help you buy or sell. And, from time to time, you can ask him to review your securities with you.

Many investors start with the convenient Monthly Investment Plan—by which you can invest regularly in stock on the Exchange for as little as \$40 every three months up to \$1000 a month.

### A word of caution

Probably you don’t need to be told that investing doesn’t go with get-rich-quick ideas. Stock and bond prices go down as well as up. Not every company makes a profit or pays interest or dividends. It’s good sense to invest only the money you can spare after

living expenses and possible emergencies are provided for.

There’s a remarkable booklet entitled “DIVIDENDS OVER THE YEARS,” published by Members of the Exchange. It is packed with information about investing, including the records of some 365 common stocks on the New York Stock Exchange that have paid a cash dividend every year for 25 years or more. When you visit your nearby Member Firm, ask for this booklet. Or mail the coupon below for your free copy. Who knows, maybe you—like John and Joan—will want to become part-owner of some famous American company with the goal of enjoying an extra income.

**Send for free booklet.** Mail to your local Member Firm of the Stock Exchange, or to the New York Stock Exchange, Dept. 9C, P. O. Box 1070, New York 5, New York.

Please send me, free, “DIVIDENDS OVER THE YEARS, a basic guide for common stock investment.”

Name \_\_\_\_\_

Address \_\_\_\_\_

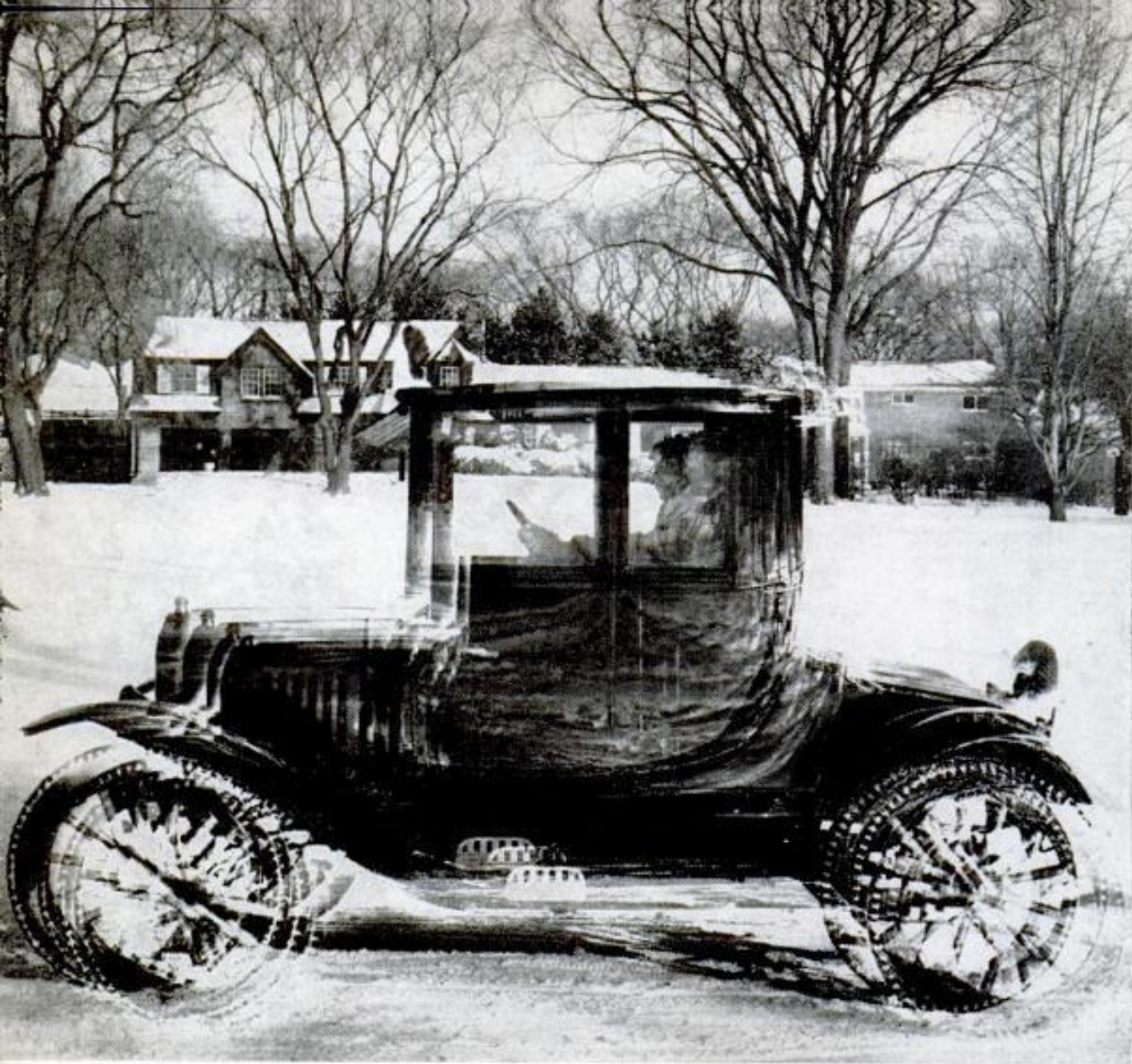
Broker, if any \_\_\_\_\_

### OWN YOUR SHARE OF AMERICAN BUSINESS

## Members New York Stock Exchange

*For offices of Members nearest you, look under New York Stock Exchange in the stock broker section of your classified telephone directory*

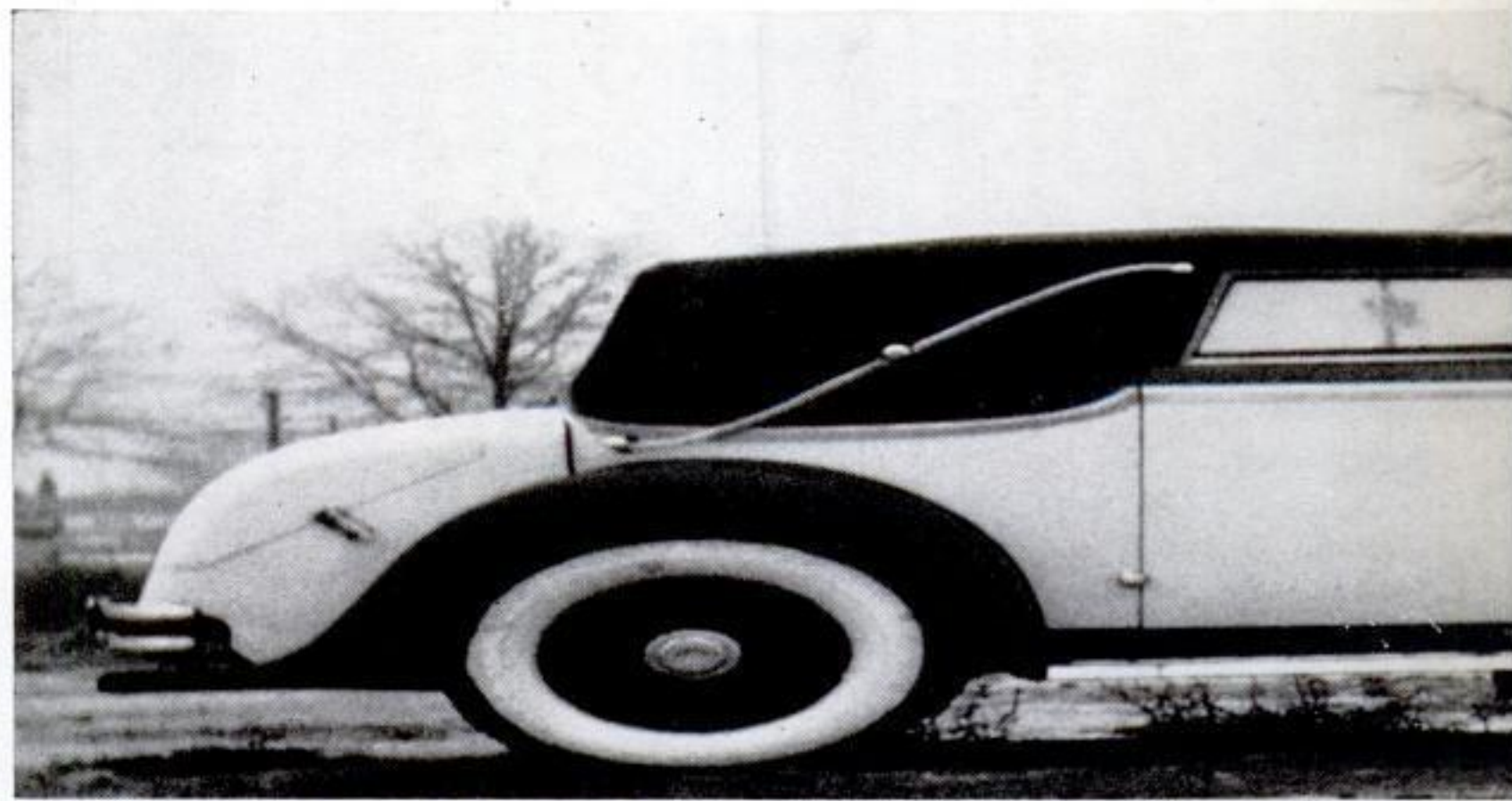




MODEL T "SHAKES, IS TOO TALL TO SEE OVER"



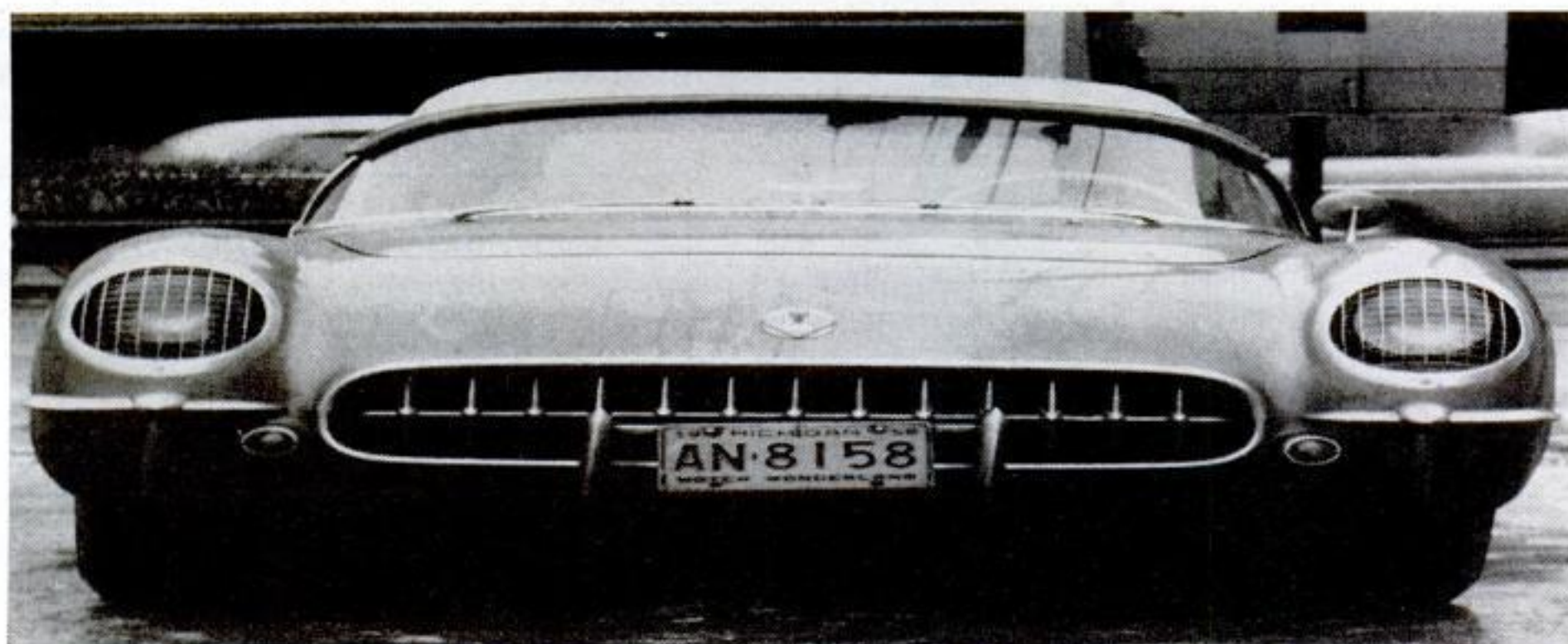
## SPEAKING OF PICTURES



"RIDGE-RUNNING ROAD HOG," SAYS CLARK BITTERLY, DESCRIBING THIS CLASSIC 1935



VOLKSWAGEN FRONT RESEMBLES "AN UNDERFED LADYBUG"

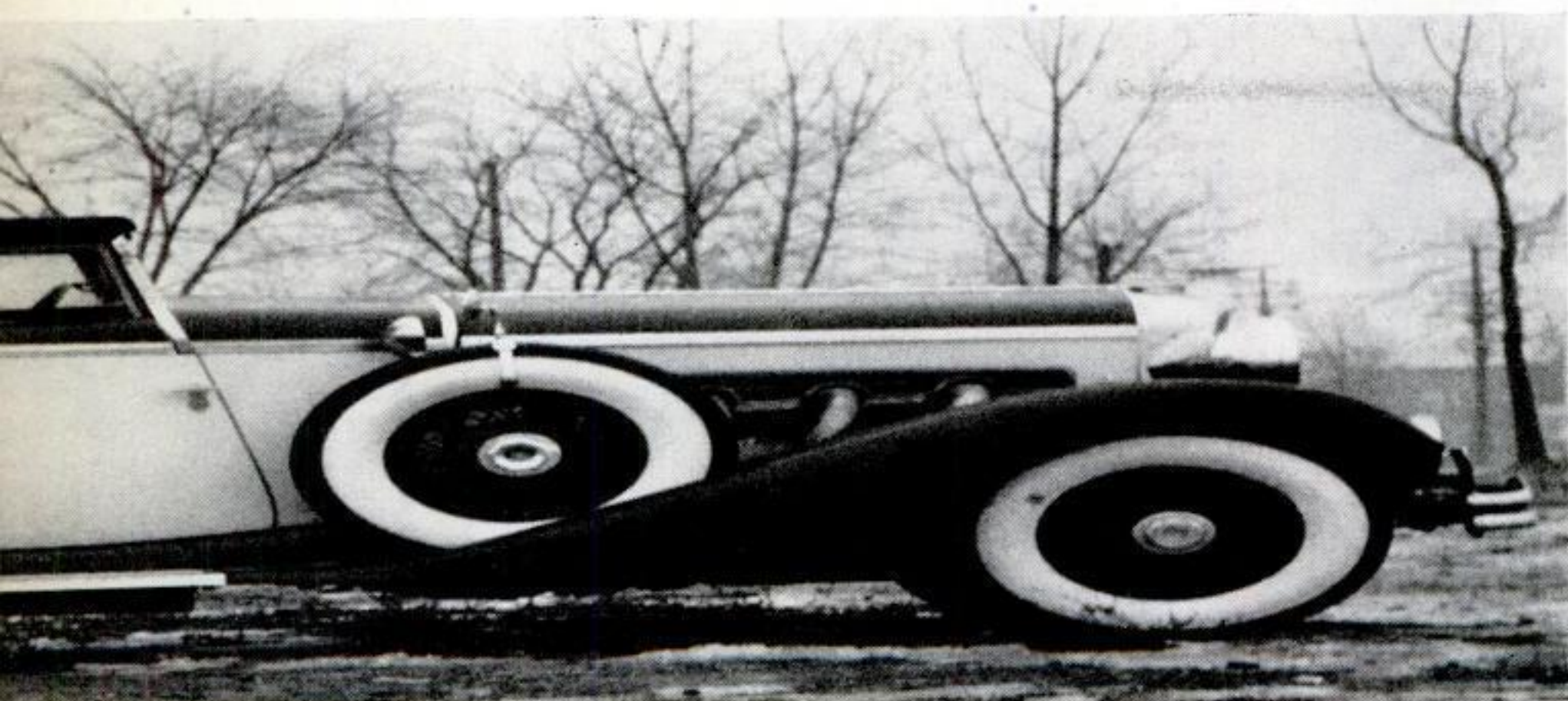


CORVETTE: "THAT'S ONE OF THOSE WIDE MONSTERS I THINK ARE GOING TO GOBBLE ME UP"

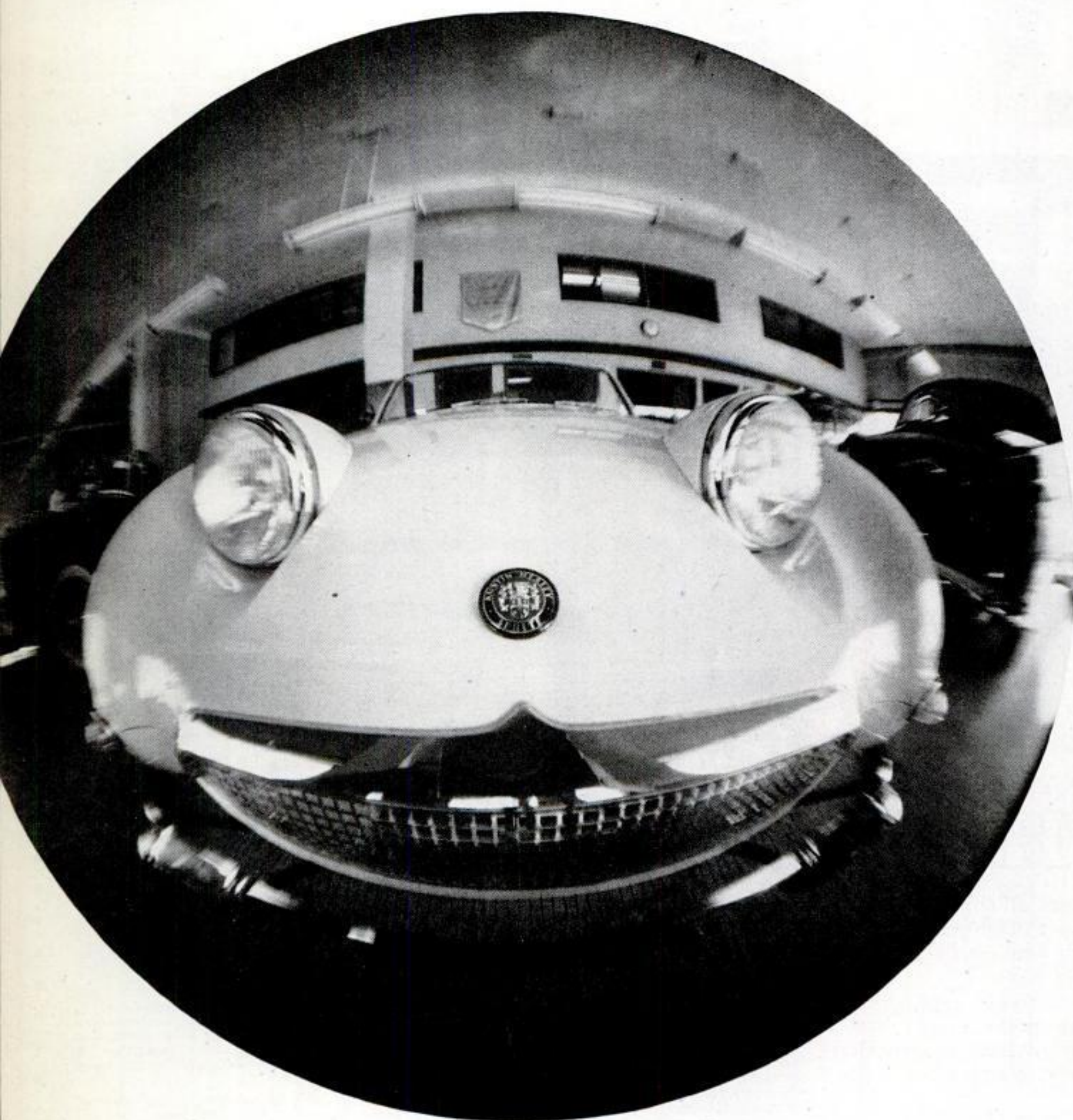
JAGUAR, FAMOUS FOR "CORNERING," SEEMS TO BEND ABSURDLY TAKING CURVE →







DUESENBERG COUPE DE VILLE. AT 17½ FEET, THE CAR WAS ACTUALLY ONE OF THE LONGEST IN AMERICA



AUSTIN-HEALEY: "SMALL FROG WHO THINKS HE'S A BIG SHOT"



TRUCK DRIVER THREATENS A "BUGLIKE" ISETTA

## Photo War on 'Bugs'

The dachshund-shaped chassis and grotesque grilles shown here are the outrageous distortions of a Detroit photographer, Joe Clark. Like some other American drivers Clark has long smoldered at the current U.S. rage for offbeat automobiles. "Little bug cars are bought by people who don't have nerve enough to drive motorcycles," says Clark testily. "Antique car fans are just frustrated junk dealers. I wish they'd stop stealing my parking places."

Armed with an array of special lenses, Clark embarked on a masterful job of car character assassination. Panon lenses stretched out long cars like elastic. Cinemascope lenses distorted small ones. The fish-eye lens, which encompasses a 180° angle, made odd sports car snouts unlovelier. Not even the refurbished tin Lizzie was spared. To top it off Clark provided some acid captions to accompany his photographs. But he was fighting a losing battle all along. "Last week," says Clark sadly, "my 9-year-old son said, 'Daddy, I want an itty-bitty car.'"



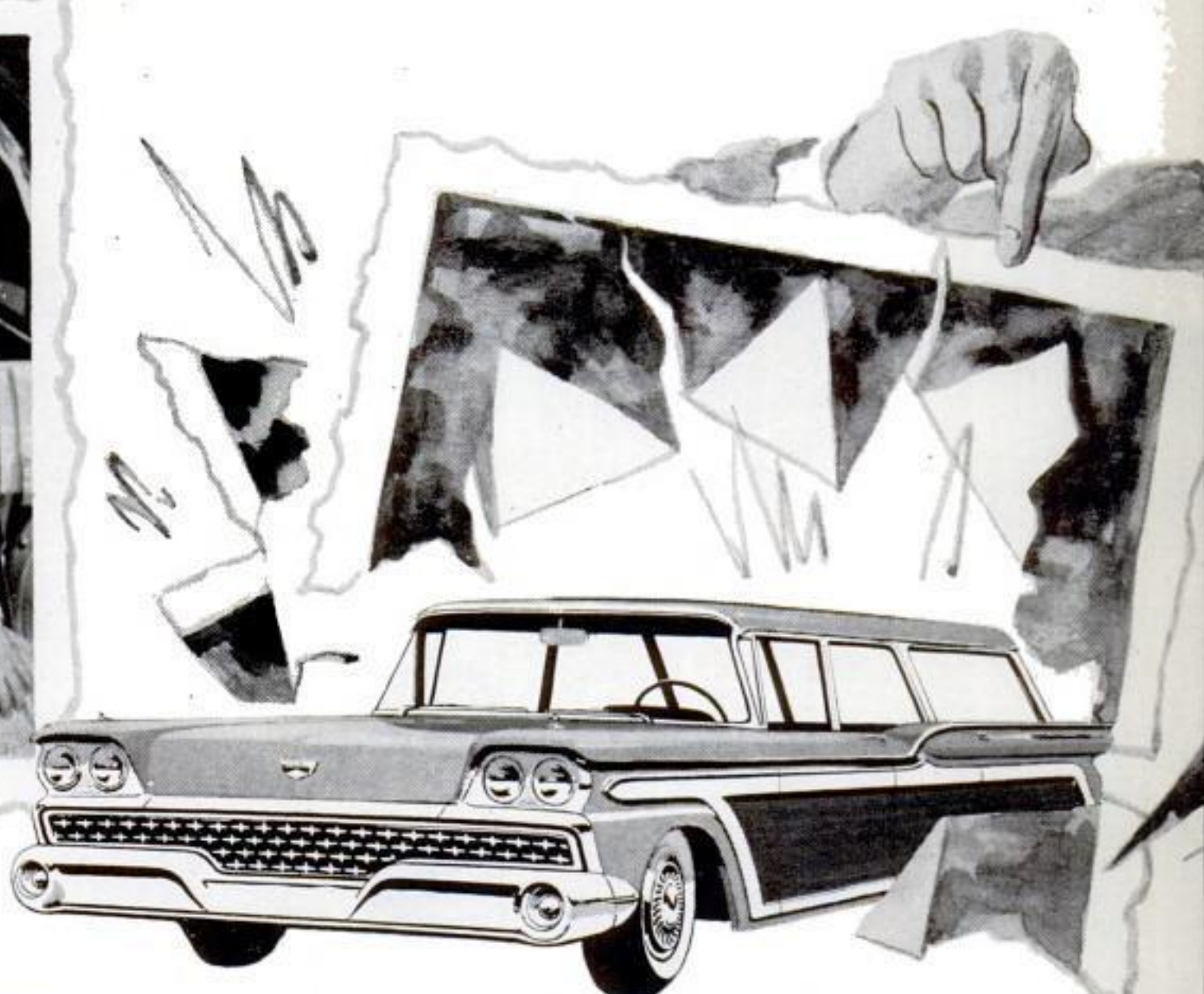


# Picture yourself in and WIN



Tennessee Ernie Ford,  
star of "The Ford Show,"  
NBC Network

Walter Brennan, star of  
Sylvania's "The Real McCoys,"  
ABC Network



## SYLVANIA PHOTOFFLASH CONTEST.

**What a Grand Prize!** The Grand Prize winner will get all three: a thrilling, Hollywood vacation for the whole family *plus* \$10,000 cash in the bank *plus* a brand-new '59 Ford in your garage—all yours for the taking of a picture!

And, look at the hundreds of other wonderful, valuable prizes to be won. Enter today! This contest is fun for everyone in the family. Give

your picture-taking imagination free rein and watch the results.

### OFFICIAL ENTRY BLANK

Mail entry to: Sylvania Photoflash Contest  
Post Office Box 1686, New York 46, N. Y.

Please fill out completely

Name \_\_\_\_\_

Address \_\_\_\_\_

Name of Ford dealership where you took photo: \_\_\_\_\_

Ford dealer's or salesman's signature: \_\_\_\_\_

Name of Sylvania Flashbulb dealer who sold you your Blue Dots: \_\_\_\_\_

**Don't forget to put in your print and this triangular trademark from a package of Sylvania Flashbulbs**



Sylvania Blue Dots  
for sure shots every time.

**Here's all you have to do:** Pick up an official entry blank and the complete rules at any Sylvania Flashbulb dealer. Then, go to your local Ford dealer's showroom and actually take a picture of yourself (or have someone snap it for you) or anyone in your family in a beautifully proportioned '59 Ford. Have the Ford dealer or one of his salesmen sign your entry blank. Then send us a print of the picture along with our official entry blank and the triangular trademark from any package of Sylvania Flashbulbs. The pictures with the best story-telling value and originality win.

So start your imagination working today. Pick up your Sylvania Blue Dot Flashbulbs and the official rules and entry blank at your

Sylvania Flashbulb dealer. Then, picture yourself in a new '59 Ford, and get in the running to win the Triple Grand Prize.

### OFFICIAL CONTEST RULES

1. This contest is open to anyone 18 years of age or over residing in the United States or Hawaii. Employees of Sylvania Electric Products Inc., Ford Motor Company, Ford Dealers, Sylvania Photo Lamp Dealers, their advertising agencies, subsidiary companies, and the immediate members of their families are not eligible to enter.\*

\*1a. Photographers who derive their maximum yearly income from commercial photography are also not eligible to enter this contest.

2. Pictures must be in black and white, no smaller than 2 1/4" x 2 1/4" and no larger than 5" x 7". Neither framed pictures nor color slides are acceptable. Prints that have been previously published commercially will not be acceptable. All pictures submitted must be taken with flashbulbs.

3. Photographs should be sent to: Sylvania Photoflash Contest, Post Office Box 1686, New York 46, New York.

All entries must be photographed no later than March 15, 1959, postmarked on or before March 31, 1959, and received by April 10, 1959.

4. Additional entry blanks will be available at your Sylvania Photo Lamp Dealer. The entry blank accompanying the picture must be signed by a Ford Dealer or one of his salesmen.

5. Entries will be judged by The Bruce Richards Corporation on the basis of:  
a. Story telling value of the picture.

b. Originality of photograph in expressing (or illustrating) the theme, "Picture Yourself In A 1959 Ford."

Decision of the judges will be final. Duplicate prizes will be awarded in case of ties.

6. You may enter as often as you wish, but each picture must be accompanied by (1) the trademark from the outer wrapper of a sleeve of Sylvania Blue Dot Flashbulbs, and (2) official entry blank, or typewritten or printed copy thereof, attached to the back of the photograph.

7. Pictures should illustrate the theme, "Picture Yourself In A 1959 Ford." All entries must be the original work of the contestant except that he may receive aid from his Ford Dealer. Entries will be disqualified for any outside professional or compensated help.

8. All entries become the property of Sylvania and Ford and will not be returned to the contestant. The contestant consents to the use of his entry of reproduction, in whole or in part, thereof and of his name by Sylvania, Ford, and their advertising agencies for advertising and publicity purposes and agrees to sign and to cause others shown in the picture to sign a consent to such use in such form as Sylvania and/or Ford may reasonably require.

9. In selecting hotels and carriers of the highest reputation, Sylvania has made every reasonable effort to provide for the safety and comfort of the first-prize winner and his family. Each contestant agrees that if he is a first-prize winner, he will release Sylvania and their agents and employees, from liability for personal injury or property damage suffered during the prize vacation.

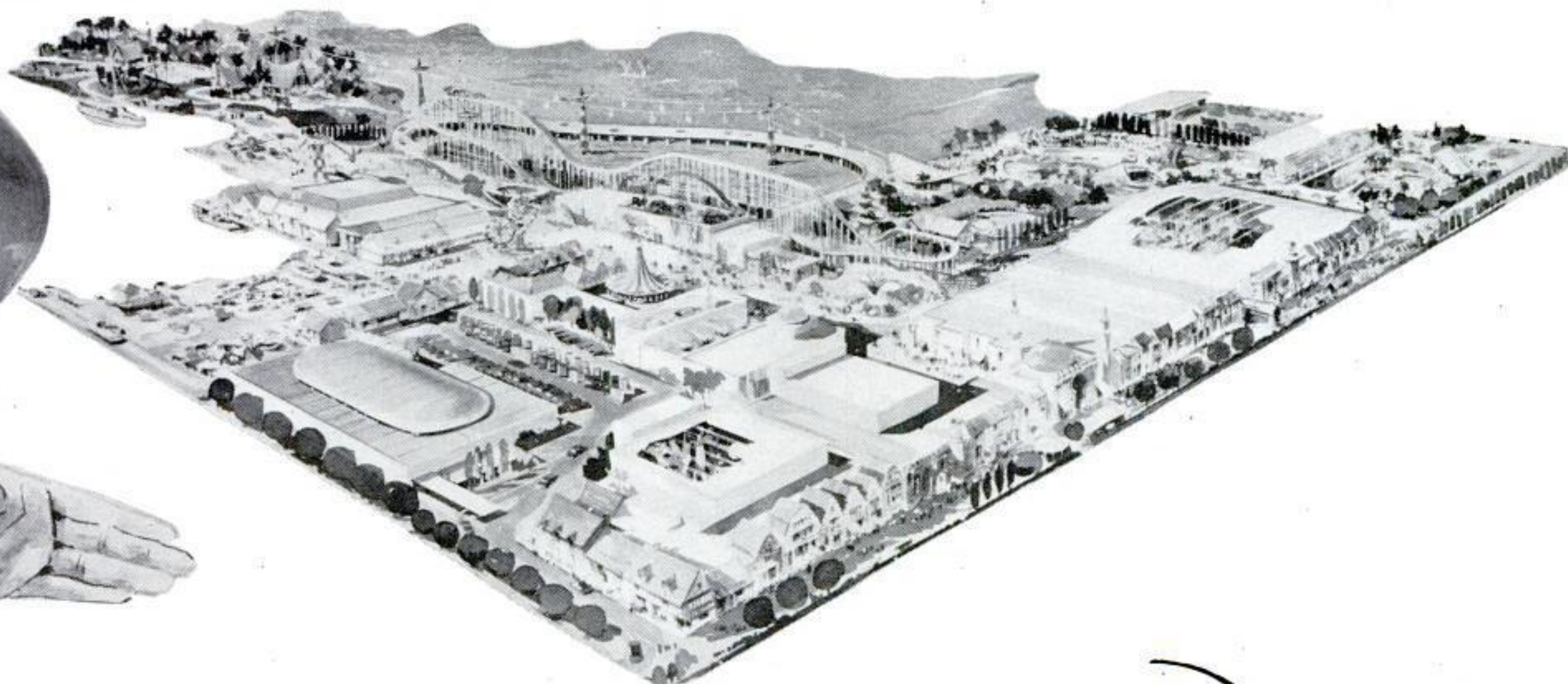
10. The contest is subject to all federal, state and local regulations. Winners will be notified by mail within approximately one month after final closing date.



# a '59 FORD

STATION  
WAGON

## a TRIPLE GRAND PRIZE!



A fabulous Hollywood  
all-expenses-paid family vacation  
as the guests of  
**Pacific Ocean Park**

You'll fly via **AMERICAN AIRLINES** ... first with Jets across the U.S.A.

You'll visit California's breath-taking Pacific Ocean Park. You'll stay at Hollywood Knickerbocker Hotel, the Sahara in Las Vegas, the Biltmore in

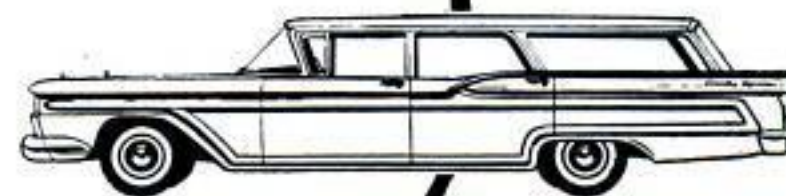
Palm Springs, and go "on location" at the big TV and movie studios. You'll take exciting trips to Mexico, Catalina and Las Vegas.



The Grand  
Prize Winner  
receives  
all three!

plus \$10,000 in cash

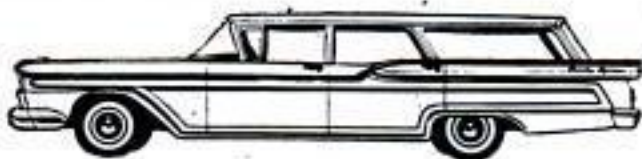
plus a new '59 FORD



324 OTHER  
VALUABLE  
PRIZES

2 Hollywood family vacations as  
the guests of Pacific Ocean Park

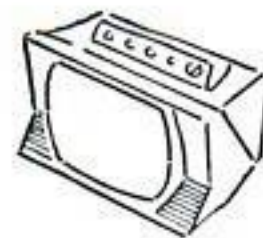
2 new  
'59 Fords



20 Sylvania TV sets



100 Argus Cameras



200 Sylvania  
Radio Sets



# SYLVANIA *Blue Dot* FLASHBULBS

SYLVANIA LIGHTING PRODUCTS, DIVISION OF SYLVANIA ELECTRIC PRODUCTS INC., 1740 Broadway, New York 19, N. Y.

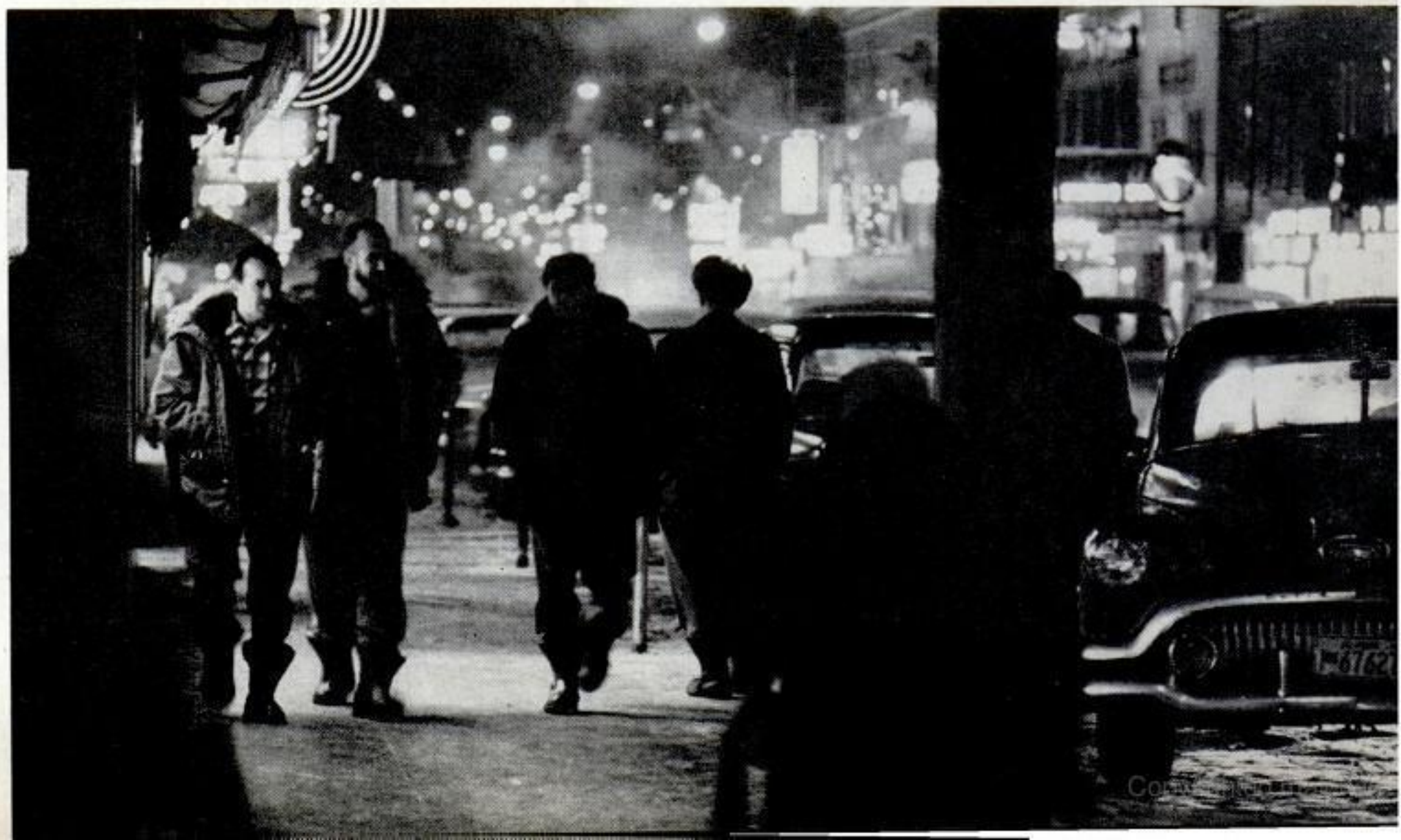




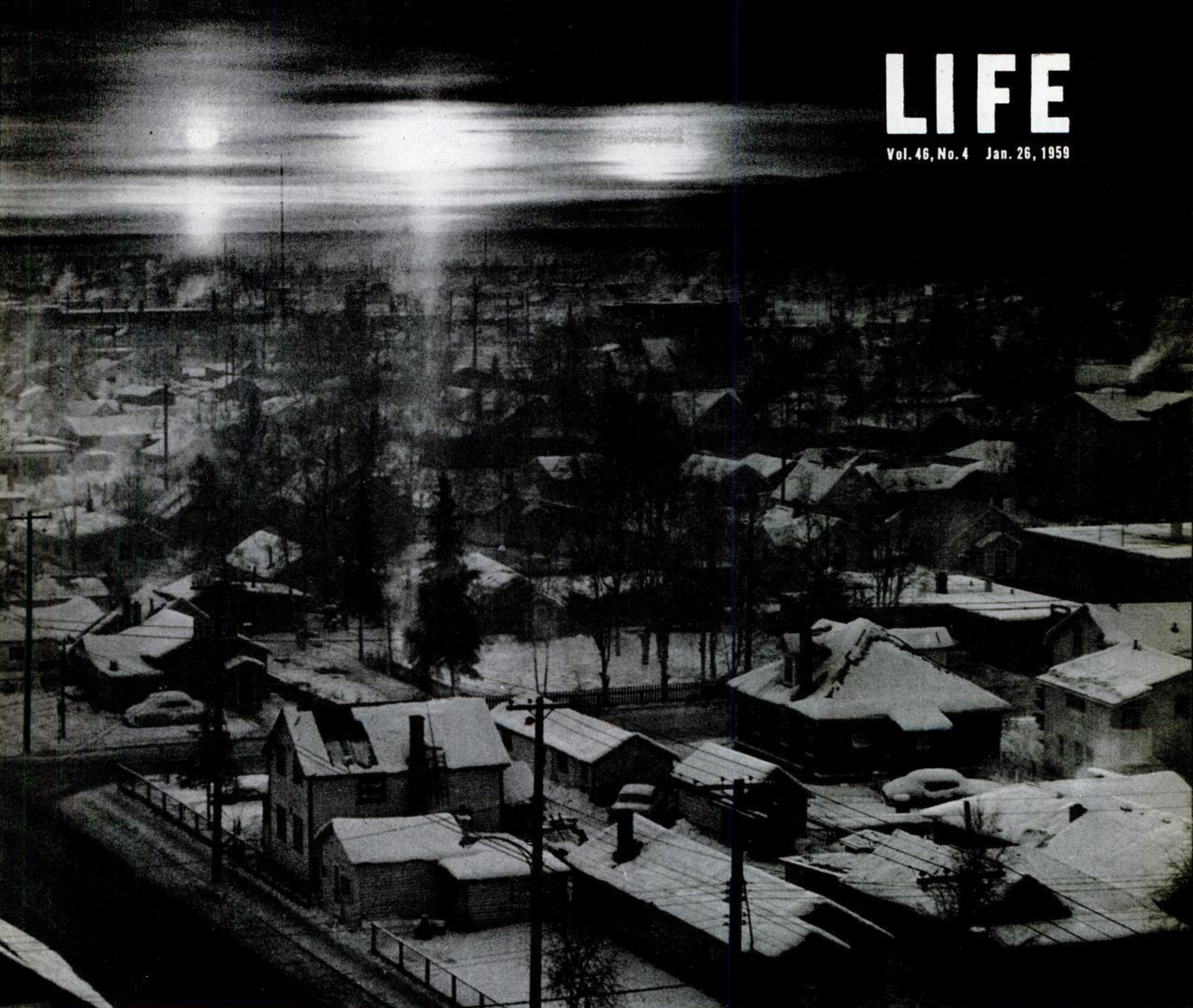
MULTIPLE EXPOSURE OF MIDWINTER SUN OVER FAIRBANKS, 115 MILES SOUTH OF THE ARCTIC CIRCLE, SHOWS THAT IT RISES ONLY ABOUT TWO DEGREES ABOVE

# LIVING AT 30° BELOW: ALASKA

GOING ABOUT THEIR WORK IN ANCHORAGE AND FAIRBANKS, MAILMAN USES A FLASHLIGHT AT 3:30, SHOPPERS STROLL ON A NEON-LIGHTED STREET AT 3:10



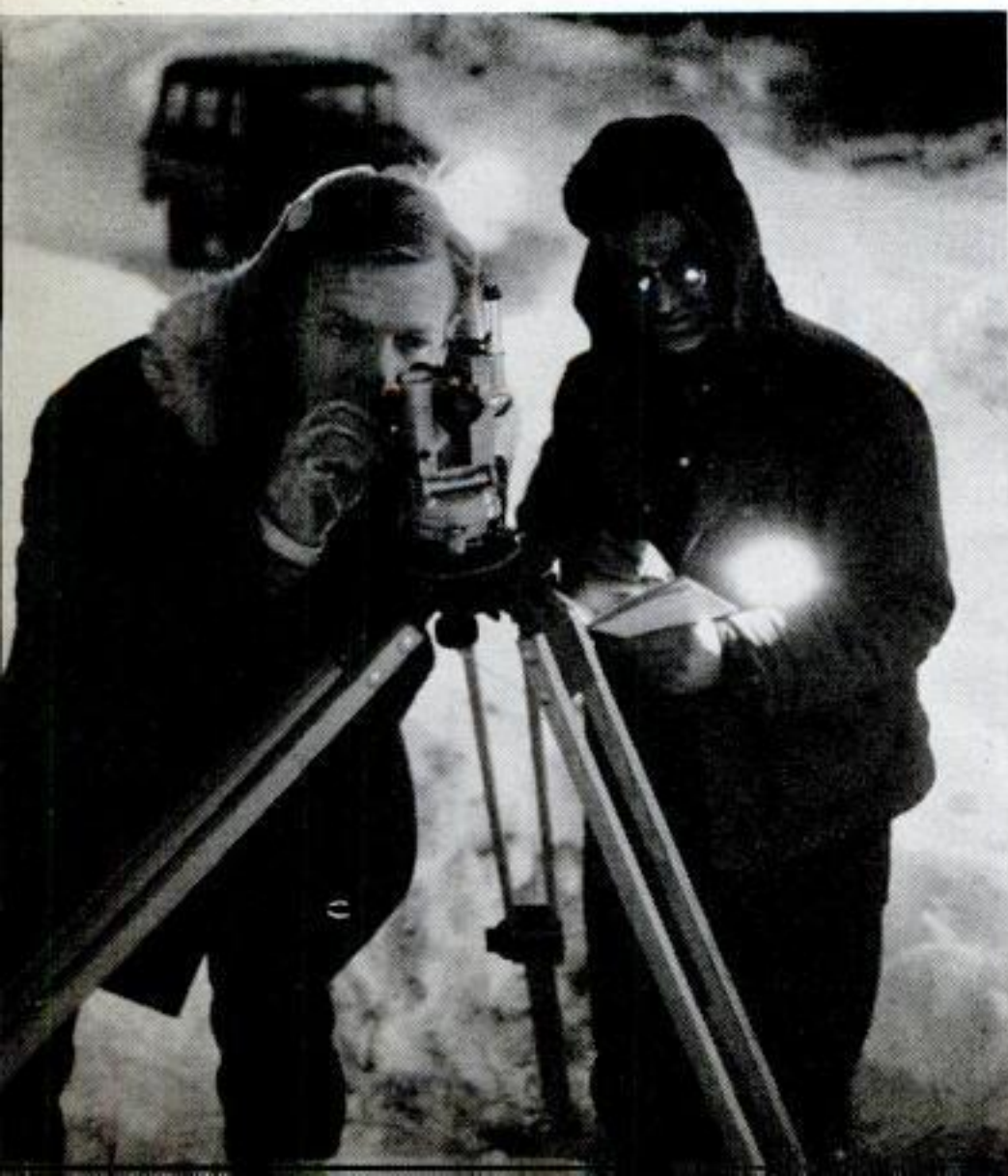




THE HORIZON. THE VIEW HERE IS LOOKING IN A SOUTHERLY DIRECTION OVER RESIDENTIAL AREA WITH THE ALASKA RANGE BARELY VISIBLE IN THE DISTANCE

## THRIVES AMID WINTER GLOOM

AND HELPER HOLDS LIGHT FOR SURVEYING AT 1:40



Last week the Arctic sun was casting its frosty sparkle over Fairbanks less than five hours a day, just as it had been doing in Alaska at this time of the year since modern man has measured time. But this 30°-below scene, this month, interested more Americans than had ever been the case since Secretary Seward and the Russian minister closed a 4:00 a.m. deal for Alaska in 1867. Next week the first legislature of the 49th state convenes, even though the new 49-star flag does not become official until July 4.

The facts of statehood focused on Alaska the attention of far more Americans than the 220,000 who live there. As the pictures on these pages show, the people who do live there get along at this season in a weird and wonderful world known to few residents of the other 48 states. Its primary characteristic is

darkness; on this winter's shortest day the sun rose at Fairbanks at 9:58 a.m. and set at 1:40 p.m. But everyone sticks it out and most do not mind it at all. Even Alaska's cold and darkness do not go on forever; last week the windows of an Anchorage department store burst out with a dazzling display of swimsuits.

A good many non-Alaska Americans showed concrete interest in sharing the adventure pictured here. The Anchorage Chamber of Commerce has been getting a thousand job letters a week, and a Fairbanks department store is drawing 100 applications a month (one used to be the average). A leading Alaska travel agent has already booked as much tourist space for 1959 as he sold in 1958. Most of this is for the summer, of course, when any American can enjoy the Alaskan sun in Fairbanks for 18 hours a day and play golf all night long.

Photographed for LIFE by GORDON TENNEY



ALASKA CONTINUED

## IN ENSHROUDING DARKNESS WORK WHICH MUST GO ON



**PERCHED ON A POLE**, linemen of the Fairbanks municipal electric company work while the snow falls at 4:10 p.m., using spotlights from their trucks. The wires are covered with heavy frost which sometimes gets well over an inch thick.

**RUNNING HER HUSKIES** at 8:30 a.m., Mrs. Libby Wescott exercises a team. She raises and trains dogs for sled races, also owns a kennel. Dog teams are still an important form of winter transport in northern Alaska.

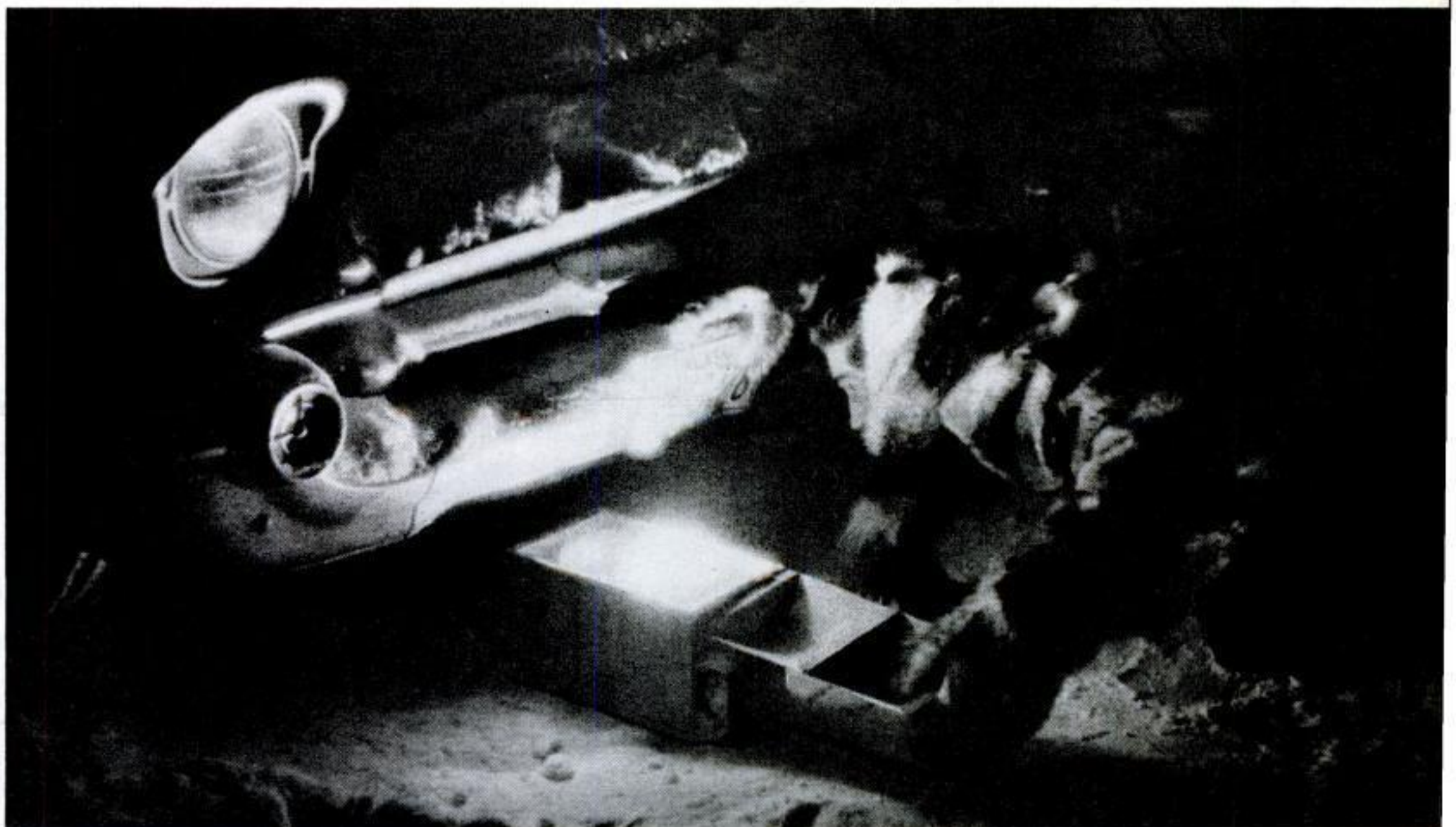






**BUILDING A WAREHOUSE** at an Air Force missile warning base starting south of Fairbanks, workmen need electric lights at 1:45 p.m. though sky still has

some daylight. In urgent cases, military construction continues through winter. Most civilian building is done between May thaws and October freeze.



**KEEPING A CAR WARM**, Alaska auto owner slides an electric heat lamp under engine so car will start next time he needs it. This is normal cold weather

procedure, here being followed at 18° below. At temperatures like this, problem is not anti-freeze-protected radiator, but oil congealing in the engine.





**STEAMING LONG JOHNS** are hung out at 8 a.m. by Mrs. Bea Browne, the wife of an Anchorage accountant. The clothes get as stiff as boards from their outdoor drying—but they do get dry there and Mrs. Browne gets a trip outdoors.

**OUT ON THE SLOPES** near Anchorage, Alaskans get in an afternoon of winter sports. This "ski bowl" is run by U.S. Army for Army personnel, families and guests. On the Saturday this picture was taken, 700 went skiing under floodlights.



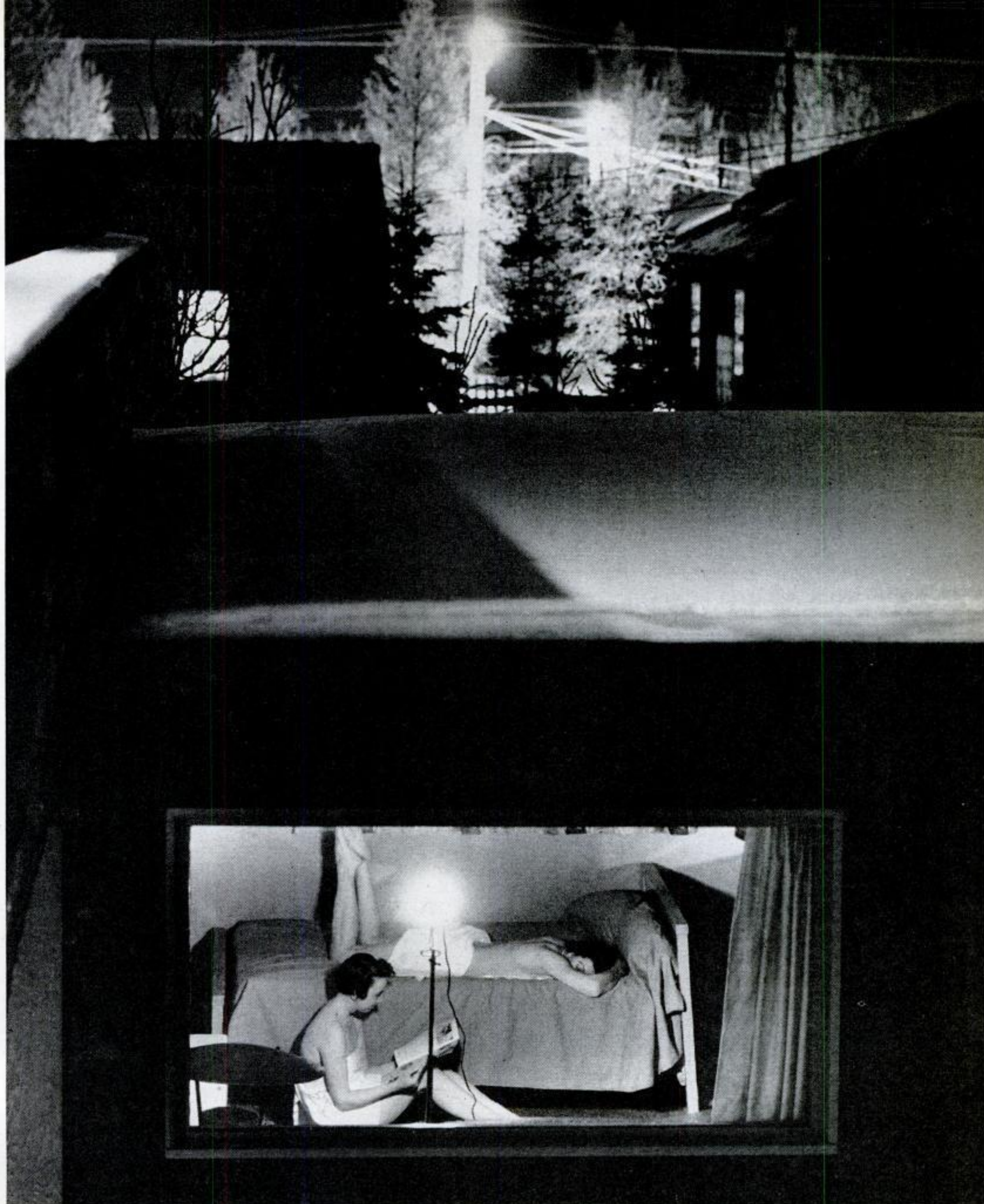




## COLD EXCURSIONS AND CABIN FEVER

One trouble with Alaska's winter is that it breeds a kind of claustrophobia—so sharp is the cold that much time has to be spent indoors. In Fairbanks, for example, the first half of this January averaged  $29.5^{\circ}$  below zero and the hottest point was  $3^{\circ}$  above. On two days it was  $50^{\circ}$  below zero. Inside and warm, Alaskans are apt to come down with "cabin fever," a wild yearning for the sun and outdoors.

Not surprisingly, the prime victims of cabin fever are mothers cooped up with preschool-age children. They and other Alaskans combat the fever by nursing house plants, painting and papering rooms in light colors and planning for the sun ahead. For two men in Fairbanks the fever ran so high last week that they left their warm apartment to bed down in sleeping bags on the Chena River—at  $40^{\circ}$  below.



**SYNTHETIC SUNLIGHT** is enjoyed off duty by Wien Alaska Airlines Stewardesses Wanda Jarrell (foreground) and Kay Pedersen at Traveler's Inn,

Fairbanks. Sun lamps are used somewhat more in Alaska than in rest of U.S. Many Alaskans vacation in south and keep their tans by sunning like this.



**AFTERNOON COFFEE** is poured at 3:35 p.m. by Mr. and Mrs. Dean Christopherson as lights of Anchorage glow in background. The Christophersons

built one house for themselves (she is handy at carpentry and odd jobs) and this winter are doing the indoor work on two others which they hope to sell.



# SNOW TOO DRY FOR SNOWBALLS, SCHOOL 16 HOURS A DAY



SKYLARKING AT RECESS AT HUNTER SCHOOL IN FAIRBANKS, BOYS THROW SNOW WHICH IS TOO DRY TO MAKE SNOWBALLS. IT IS 2:10 P.M. AND ALREADY DARK



**SCHOOL BUSES** pick up children at Anchorage High. They carry 3,000 a day and go all the time since teaching is done in shifts. School is used 16 hours a day for senior high, junior high and as a community college part of the night.



**"SNOW PARTY"** in the Westgate section of Fairbanks celebrates the birthday of Jack Gourley, assistant superintendent of schools. Such winter picnics, variants of the old-fashioned wienie roast, are held when weather warms up to zero.

**BY DAWN'S LATE LIGHT** at 8:30 a.m., school bus approaches children outside Anchorage. Temperature is below zero. Buses must come within at least  $1\frac{1}{2}$  miles of children's homes, which can still leave them a long dark winter hike.









JUSTIFYING MASS SHOOTINGS, RAUL CASTRO READS FROM RECORD OF COURT PROCEEDINGS (LEFT), SHOWS NEWSPAPER WITH PICTURES OF ALLEGED BATISTA

# THE KILLING IN CUBA —AND A MORAL ISSUE

Castros defend their mass executions

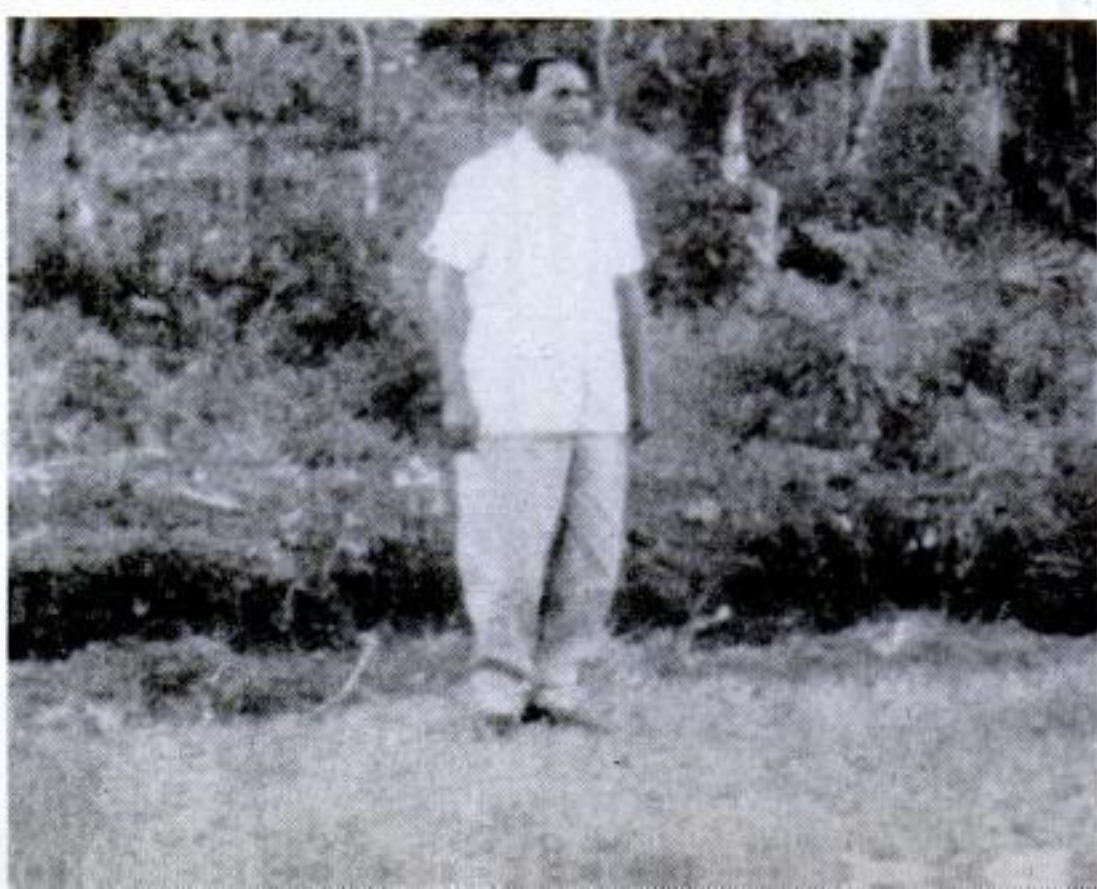
Spilling across Fidel Castro's Cuba, an ugly tide of blood vengeance last week put a curious strain on relations between the liberated island people and their friendly U.S. neighbors. The question was whether Fidel's triumphant rebels could claim moral justification for their wholesale executions of deposed Fulgencio Batista's unlucky henchmen. Drumhead courts, grinding out midnight convictions, had already sent more than 200 "war criminals" to the firing squad. Hundreds more were promised.

The U.S. feeling of outrage sprang first from the executions under jurisdiction of Castro's ruthless younger brother, Raúl, in eastern Cuba. When Raúl's riflemen, firing at six paces, blasted 71 into a mass grave at Santiago, even Senator Wayne Morse, long a critic of Batista, cried

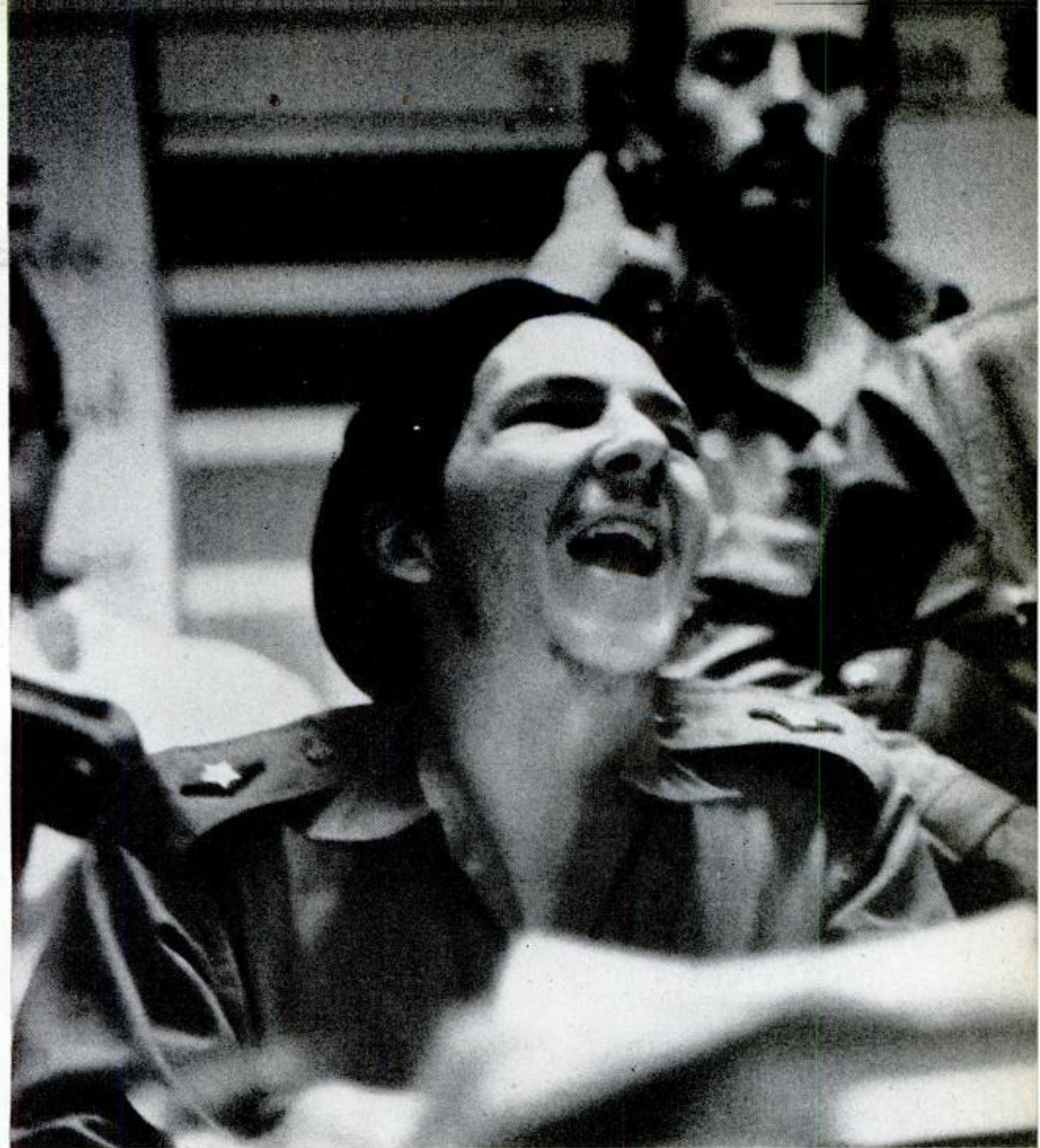
FACING SANTIAGO COURT, ACCUSED POLICEMAN VAINLY DENIES KILLING 83 CUBANS. AFTERWARD AT EXECUTION GROUND MANACLES ARE REMOVED; HE WRITES



FIRING SQUAD TAKES AIM AT SIX PACES. ERECT, LIEUT. ENRIQUE DESPAIGNE CALLS OUT "FUEGO!" (FIRE!), THEN, AS BULLETS HIT, JACKKNIFES FORWARD, LIFTS







VICTIMS, DISPLAYS PICTURE OF HOODED TERRORIST TAKEN FROM CONDEMNED MAN, CHORTLES OVER A QUIP. HIS FORECAST: "MAYBE 1,000 BEFORE WE FINISH"

"blood bath" and pleaded for a halt. Said Raúl blandly, "After all, there's always a priest to hear the last confession."

There were indications that even Fidel was taken aback by Raúl's savagery. They had disagreed before, particularly when Raúl kidnaped U.S. personnel (LIFE, July 21, 1958) and cut the water supply to the U.S. base at Guantánamo. Fidel ordered a temporary stop to mass killings but then, stung by U.S. criticism, backed Raúl and threatened "200,000 dead gringos" if the U.S. interfered. Holding the Batista regime guilty of "the murder and torture of at least 20,000 men, women and children," Fidel recklessly cried, "The Americans were merciless when they sent Batista tanks, napalm bombs and guns to kill us . . . and now they are shocked." It

was an outburst—quickly toned down—in tune with Castro's first triumphant week as the conquering hero of Havana. Sleeplessly, compulsively, he roamed the capital, making impassioned—but not always responsible-sounding—speeches wherever there was an audience.

Disquieting as his behavior was, Castro's support could not be doubted. Everywhere Cubans assembled to cheer him—and the executioners. "There is hardly a family which has not felt the brutality of the Batista police," cabled LIFE Correspondent Bruce Henderson. "After seven years of rage, Cubans are now going to make the sadists pay. On the street, Cubans say, 'Fidel is being merciful by merely shooting them. Each Batista man could be shot 20 times and still not suffer what he deserves!'"

LAST LETTER (BACKGROUND: BULLDOZER WHICH DUG GRAVE), STRIDES FIRMLY AWAY, THEN TURNS TO CAUTION EXECUTIONERS TO WAIT FOR HIS ORDER TO FIRE



HEAD UP, THEN SLIDES BACKWARD INTO GRAVE. THE EXECUTION WAS DELAYED THREE HOURS TO GIVE A CUBAN TELEVISION CAMERAMAN DAYLIGHT TO FILM IT





## HOW TO THINK ABOUT MIKOYAN

*Who behaved most correctly toward Mikoyan: The Hungarians who, for very understandable reasons, threw eggs at him? Or the businessmen, the bankers and civic leaders who all but fawned on him? Or blunt George Meany, who simply refused to meet him? Meany certainly emerged with more dignity than the Cyrus Eatons. But for a fuller statement of the right way to think about Mikoyan, we recommend the following statement by an anonymous (and non-egg-throwing) Hungarian:*

Mr. Mikoyan has a perfect right to want to come to America. The State Department was quite correct in granting him a visa. During his stay, Americans have tumbled over themselves to have a look at this strange creature. And because Americans are hospitable and friendly, and like to see a guy in a tough spot handle himself well, Mr. Mikoyan has had a great success in this country.

Now I would be the last to wish that Americans should cease to be hospitable and friendly, because I, a Hungarian refugee, have been the grateful beneficiary of these American traits of character. But, at the same time, I would ask America not to forget two things:

The first is that this Mikoyan visit has in no way changed the basic Kremlin purpose, which is still the expansion of Communism throughout the whole world by fair means or foul. If his visit had represented any change in the Kremlin attitude, some suggestion along those lines would have come from Mikoyan. The only suggestion that has come is to ask us once again to make another *concession to the Kremlin*, and maybe the Kremlin will graciously consider it.

The second thing is that of all the original important Politburo members, Mikoyan is the only one left in power. Khrushchev was unimportant when Mikoyan was already very important. Therefore, Mikoyan was a major participant in all of Stalin's evil doings, was a major agent of the triumvirate and duumvirate which succeeded Stalin, was personally in Budapest at the time of the Nagy and Maleter betrayal, and is now Khrushchev's ambassador extraordinary.

If there is a living Soviet official who has within his conscience *all* the sins of the past, it is Mikoyan. And if he is to survive in the future, the only way he can do so is by betraying his present set of loyalties as he has betrayed all his previous ones.

Like crime and inflation—with both of which it is linked—the power of the unions is a top domestic issue of 1959. The President is kicking it off with his union reform proposals this week, to be followed by Senator Kennedy's. The McClellan Committee will give us another round of true-life horror stories. The A.F.L.-C.I.O. convention in Puerto Rico next month will contribute a spectacle of fresh factional strife. Coming wage negotiations, notably in steel, will raise issues affecting the fate of the whole U.S. economy.

With a confidence born of the November elections, the union executives demand that Congress repeal that section of the Taft-Hartley law which permits the states (as 19 do) to forbid the union shop. They want more power. Do the unions deserve more power? As now constituted, they do not.

In a single generation the unions have established themselves as one of the three most powerful forces (along with government and business) in our industrial society. As Professor Sumner Slichter says, they have turned out to be both "much stronger . . . and much less democratic" than the public expected when the Wagner Act was passed. The lack of internal democracy was a military necessity when unions were fighting a managerial class that hoped to prevent or bust them altogether. And the paranoid rhetoric of that era may well be turned against parts of the Administration reform bill, especially since its sponsor (though not its author) is Senator Goldwater, whom labor considers a union buster. Yet the bill is aimed at union rackets, not union power. It curbs "blackmail picketing," where the purpose is not organization but shakedown, and the secondary boycott, which forces neutrals to take sides in somebody else's labor disputes. It also further protects pension and welfare funds and provides for regular and honest union elections. It would strengthen honest unions against gangsters.

George Meany and other honest labor leaders want and need some of these reforms. Their admirable Ethical Practices Codes cannot be enforced without them. Since Meany has been strict in expelling racket-infested unions (longshoremen, teamsters, bakers, laundry workers) he has created the ingredients of a rival federation, centering around Hoffa, which may well become a reality if Meany has to expel the ineffable Maurice Hucheson and his carpenters next month.

The list of labor's troubles does not end there. Item: the union movement as a whole has ceased to grow, especially among those white-collared wage earners who are the expanding majority of our labor force. Item: many of the liberal intellectuals who lent a whole generation's moral enthusiasm to the labor movement no longer find inspiration in it, and are becoming its disinterested critics. Item: the rank and file is incorrigibly

apathetic about union meetings and causes. Item: labor's share of responsibility for inflation has become one of the major economic issues of our time.

A root cause of inflation is the monopoly power of unions to force wage and price increases regardless of productivity, usually with the tacit or helpless connivance of big business. The unions answer this charge by showing that they, too, suffer from inflation—that their *real* earnings increased only 35% from 1947 to '57, whereas labor productivity increased 37%. But even this argument, which is statistically disputable, assumes that labor should pre-empt *all* the gains of increased productivity, while capital (whose heavy investments made the productivity gains possible) and the consumer should get none. The higher wages go, the feebler grows any claim of equity in this assumption.

The labor movement is at a crossroads, befogged by ancient fears and sympathies, but leading either to trouble or to a new and clearer definition of what unions are for. They have, of course, done enormous and even revolutionary good in correcting an old imbalance of economic power. They have made prosperous and self-respecting citizens of workers whose just grievances might once have alienated them from American society. And they have done this within the framework of free enterprise. The empirical Gompers formula for what labor wants—"more, more, more, now"—has won U.S. labor the world's highest living standard and strengthened U.S. democracy in the process.

The question now is whether the Gompers formula will suffice for the next era of union evolution. Meany and Co. think it will. Yet a mere demand for "more!" from those who already have a lot is bound at some point to meet political resistance.

Slichter, Max Lerner and others think the unions should join forces with management in a joint effort to maintain continuing productivity gains, washing out disputes about the divvy in a general euphoria of increasing affluence. Professor Lindblom of Yale thinks they should (or anyway will) syndicalize the whole economy. Mortimer Adler thinks workers should be turned into capitalists through stock ownership. Other proposals abound. But thinkers about the labor movement are almost unanimous in feeling that it cannot go farther until it redefines its goals.

It has not done so. That is why it is not ready for more power. It needs government help to make itself honest. It lacks the solidarity it used to get from a vanished "class enemy." It lacks, praise be, the swampy ideologies that have misled so many foreign labor movements. But it also lacks the conscious aim and purpose that will keep a great reform movement from degenerating into a mere bureaucracy or a racket.





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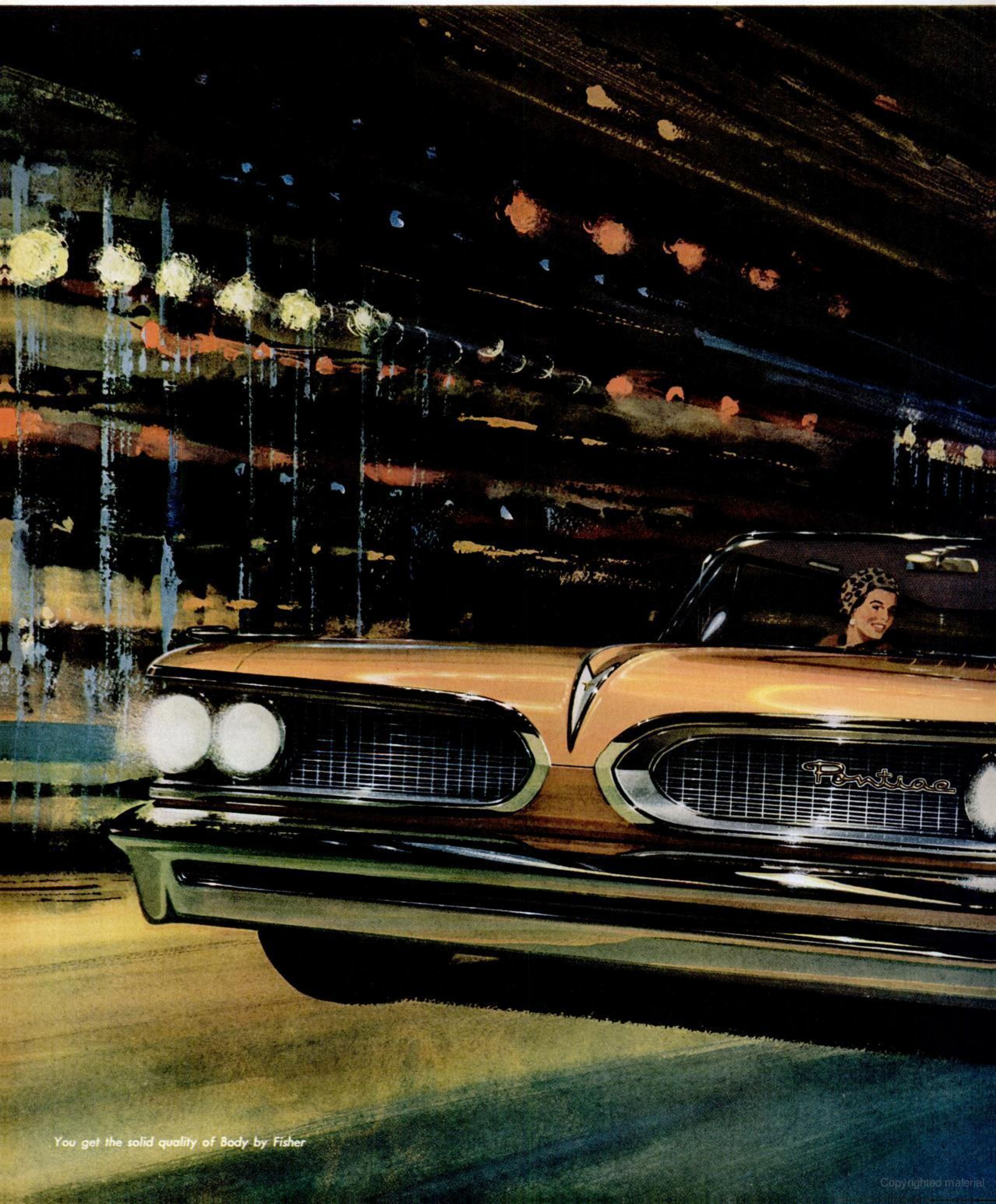
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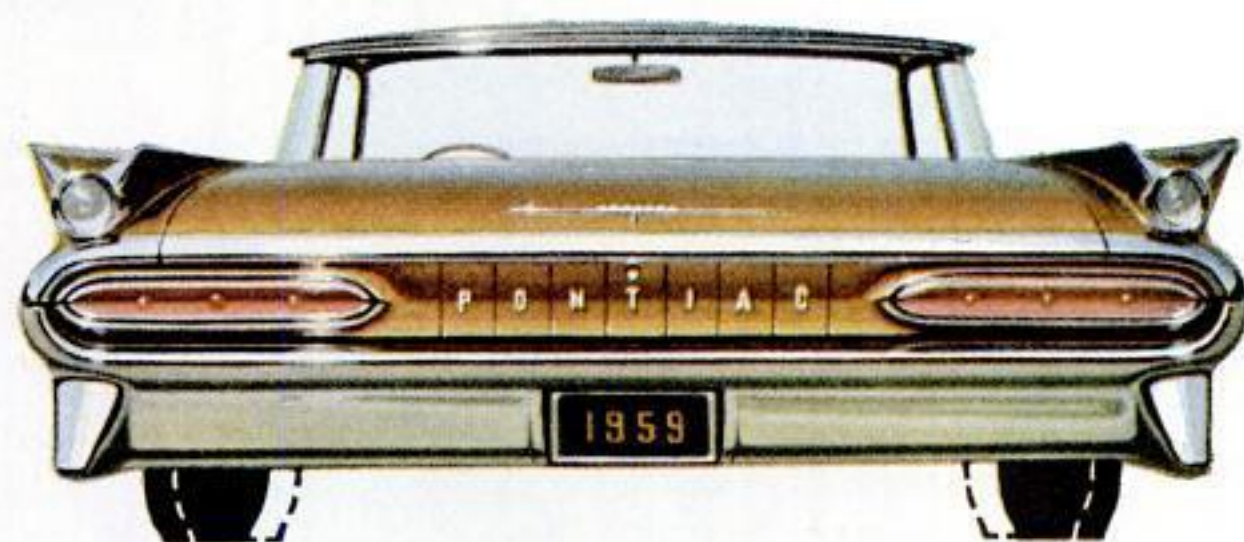
... *try that side road. What happened to all those bumps, dips and sways you saw coming?*

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The creme mint fills the chocolate cup, made bite-size at Mars for your pleasure. The deep, dark chocolate is real chocolate . . . rare, these days, in a 10c candy to carry. (That's all a roll of Marsettes costs. Incredible!)

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# A LOOK AT THE WORLD'S WEEK



## A SALESMAN'S FROWN

Visiting U.N. headquarters last week, Soviet First Deputy Premier Anastas Mikoyan neared the end of his window-shopping tour of the U.S. (*see Editorial*). His frown might have been prophetic; later President Eisenhower told him that the U.S. would not agree to the Soviet Union's proposals on Berlin. Worn from his 5,700-mile U.S. travels, Mikoyan then canceled a trip to Florida resorts and prepared to head back three days ahead of his schedule.

## A TOWN'S MOURNING

In the Spanish hamlet of Ribadelago, weeping villagers searched for 175 bodies—one third of the population—buried under the wreckage when a Tera River dam above the town gave way in the night. Three guards, who might have given warning, were asleep when it broke.







### A GRACEFUL EXIT

After 18 years and only 33 defeats in 164 games, Earl ("Red") Blaik, one of football's real geniuses, resigned as Army coach and took a last good look at the West Point campus. "I have concluded," said Blaik, "that to overstay a coaching career is unthinkable."

### A SOLEMN ENTRANCE

In the presence of 75 bishops of the Protestant Episcopal Church, the Right Reverend Arthur Lichtenberger (*center, head next to candle*) marched solemnly down the aisle of Washington's National Cathedral after being installed as the U.S. church's 21st presiding bishop.

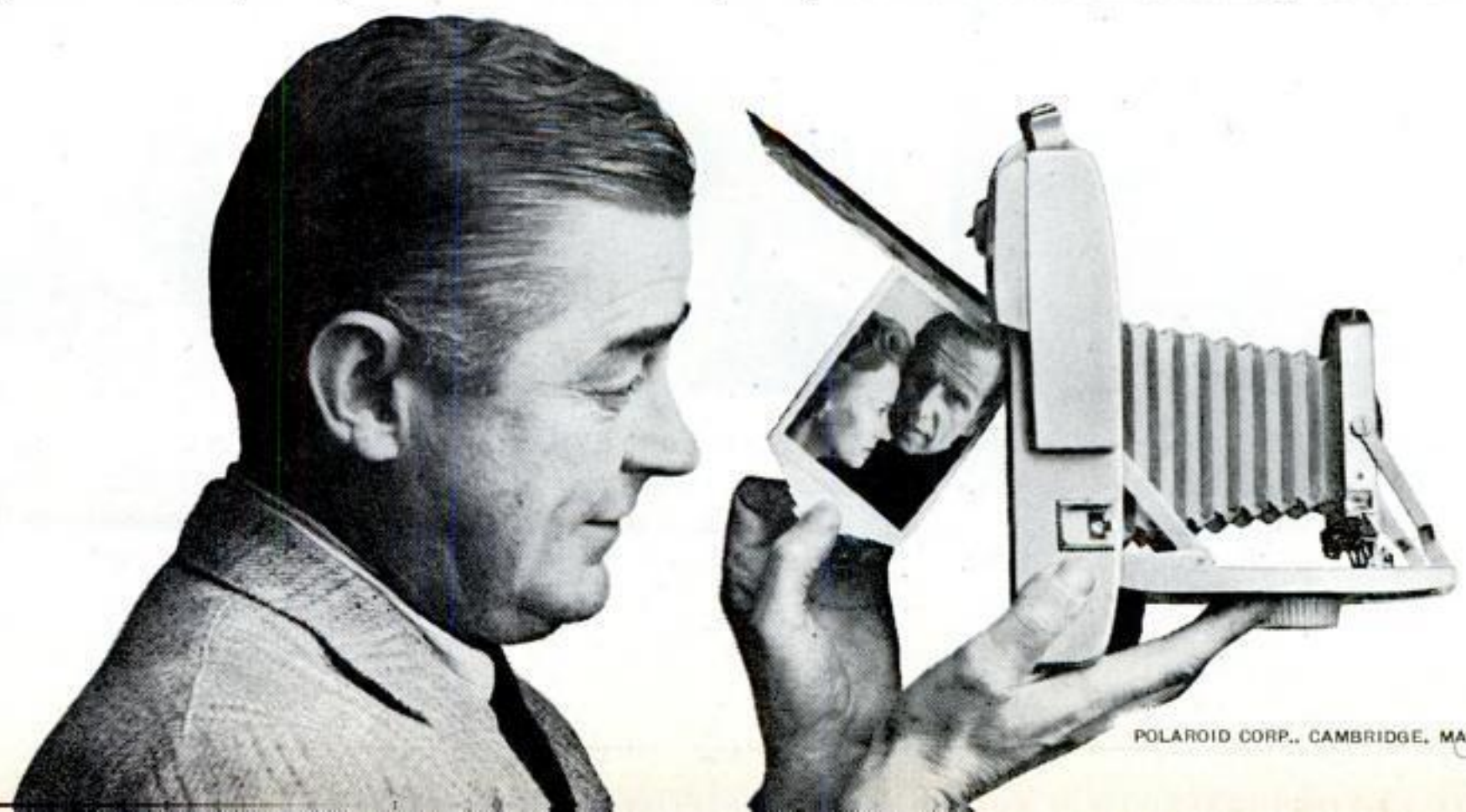




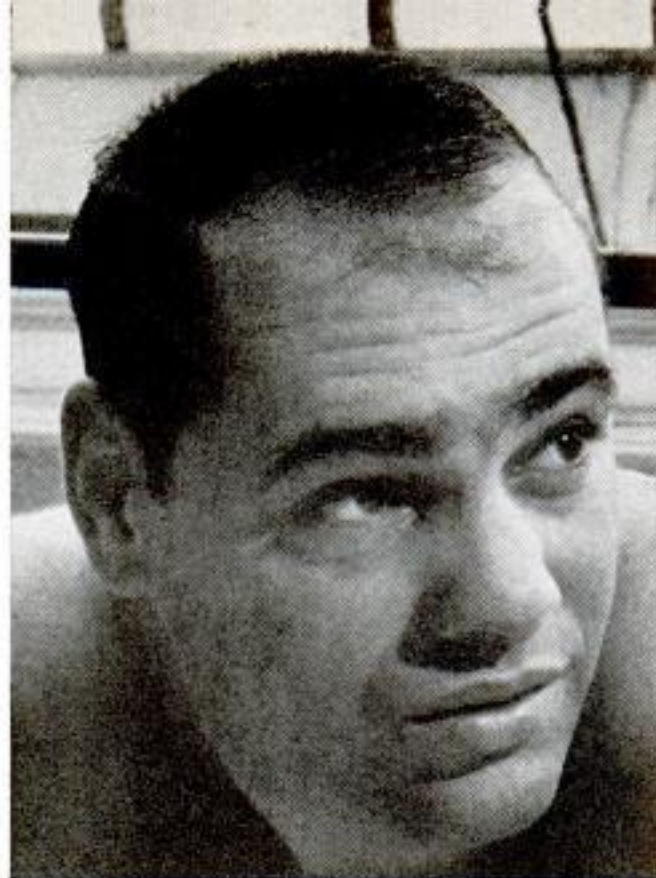


**A 60-SECOND PHOTOGRAPH** of Jessica Tandy and Hume Cronyn. The engraving was made directly from the original unretouched Polaroid Land picture. The picture was taken with a new Polaroid Land film, twice as sharp

as the previous film. You can see the superb detail this film makes possible. Now, Polaroid Land Cameras not only give you pictures in 60 seconds, but pictures of remarkable quality. Polaroid Land Cameras are priced from \$72.75.







**BOBO OLSON**, an ex-middleweight champ, complains a former manager linked to I.B.C. got him in trouble with U.S. by not paying his taxes.



**ARCHIE MOORE**, the light heavyweight champion, fends off giving straight-out opinion on the Supreme Court ruling that the I.B.C. must dissolve. He said, "I've always been an independent. I never ran into the trouble that everybody is screaming about. But maybe some little promoters will have it easier now."



**WILLIE PEP**, the ex-featherweight champ, declares, "The I.B.C. hasn't used me on TV in five years. They give all of the gravy to their own."

# FURORE IN FIGHT WORLD

Pugs and promoters split on the I.B.C. case

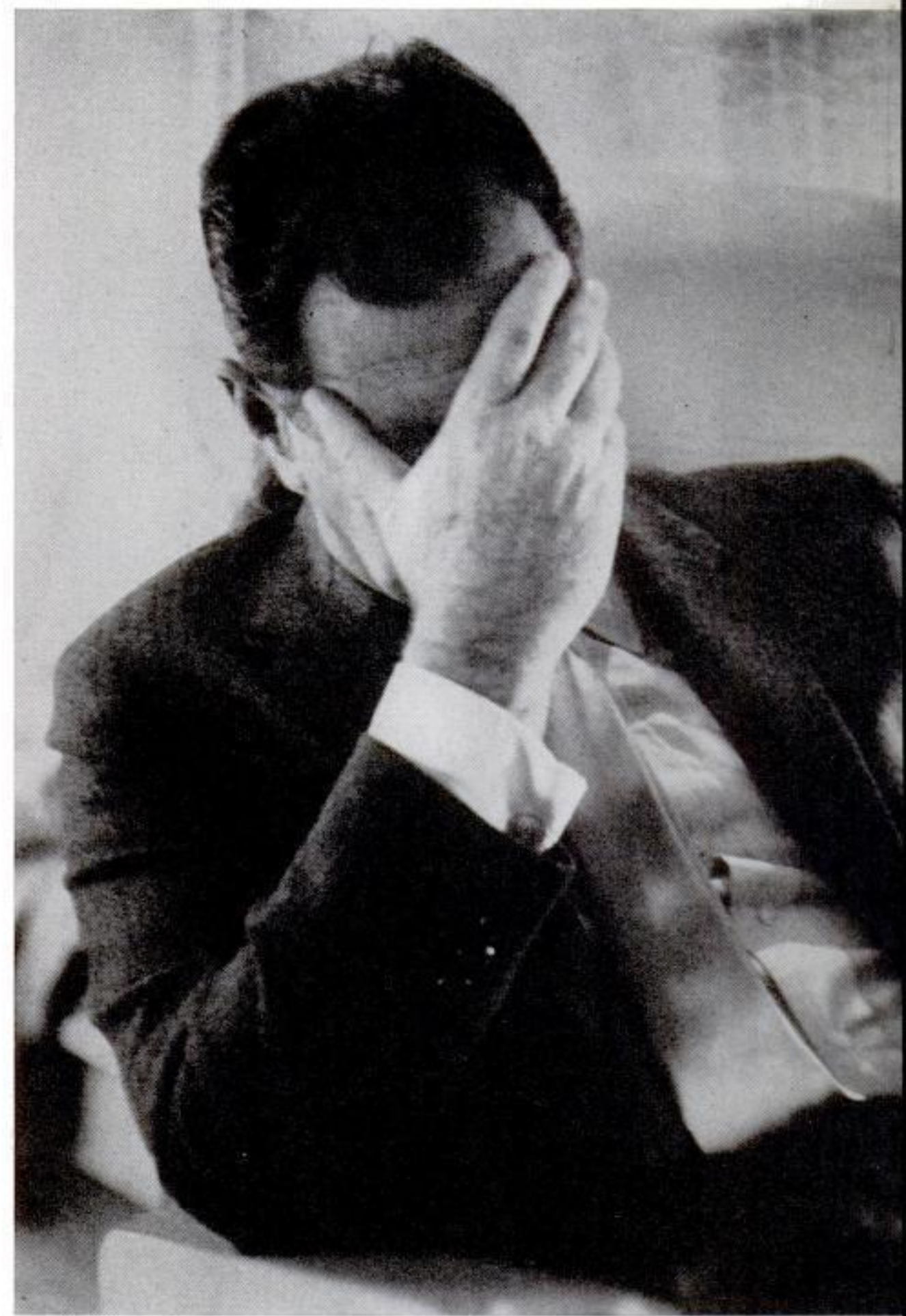


"**NORRIS IS SMART**," says ex-pug Tony Galento. "He paid me well."

The stolid citizens of boxing's world last week removed their mouthpieces and let fly with words like a bunch of lawyers. Their talk concerned a big bout in the august chambers of the Supreme Court, where a 5-3 decision had gone against the prizefight promotion monopoly exercised by the International Boxing Club of James D. Norris (*right*). When the fighters and promoters shown here had finished their verbal sparring, they too were split on whether the decision was good or bad.

Holding that Norris and his partner Arthur Wirtz had violated the Sherman Antitrust Act, the Supreme Court ordered them to dissolve their I.B.C.s in New York and Illinois, to sell their stock in Madison Square Garden. The court also took note of the charges that the I.B.C. was in cahoots with gangsters when it condemned the "odorous monopoly . . . known and feared in the boxing world."

Even as the pugilistic opinions flew like left jabs, there were doubts that the court's uppercut had really settled anything. Nothing had been said about divesting the I.B.C. of its control over fight television, which today is the sport's bread-and-butter money-maker. And it seemed likely that various pieces of the broken-up I.B.C. would still be bossed by Norris and friends who would continue to pull strings together in fact if not under the same name.



**NETTLED NORRIS** hides from camera as he prepares to leave Miami for a New York council of war with his lawyers and partner.



"**HAPPY SAM**" is what Boston promoter Sad Sam Silverman calls himself now. I.B.C. grabbed Marciano from him when Rocky became good.



"**ROOT OF ALL EVIL**" is what West Coast's Jack Hurley calls the I.B.C. "They're just money men. They've made the sport a laughing stock."



**NORRIS' BANE**, Cus D'Amato, defied I.B.C. effectively since he manages champion Floyd Patterson. Cus still fears I.B.C. will monopolize TV.



"**FREE FROM SLAVERY**" is way Kansas City Promoter Max Baer feels after ruling. I.B.C. never let him operate in Chicago and New York.





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3 hearty nine-inch pizzas (more than you get with other mixes)  
...only 5 minutes to rise (15 minutes faster than other mixes)—  
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*Mrs. Igor Cassini says:* "I believe the Lincoln has more chic than the other fine cars."

*"It's a matter of personal taste. But to me, its simple elegance makes it more beautiful."*

Naturally, we agree with Mrs. Cassini, wife of society spokesman Cholly Knickerbocker. After all, we designed the 1959 Lincoln for people whose tastes lead them to the trim, the elegant and the uncluttered.

If you are accustomed to the finest, we believe you'll enjoy seeing and driving the 1959 Lincoln soon. And when you do, you will notice immediately another striking difference between the Lincoln and other fine cars. Simply this: *Lincoln, for all its beauty, has not sacrificed an inch of comfort and spaciousness.*

For one thing, it's easier to get in and out of a Lincoln. The wider door frames are designed for graceful entrances. And once inside, you'll find almost four more inches of shoulder room. In the back seat, some models are almost a third of a person wider. The seats are the height of a comfortable easychair, thanks to the Lincoln Uniframe Construction. You never feel awkward or cramped.

The things we have talked about are important to people like Mrs. Cassini. We believe they should be important to you and every other fine-car buyer. Won't you make a comparison between Lincoln and other fine cars? Sit in them. Drive them. We think you'll agree: *this is the year for you to consider making the change to Lincoln.*







*"I've owned many different cars in my life," says Mrs. Cassini. "Do you know that my Lincoln is by far the easiest to drive. Remarkable, really."*



*"I like the way you sit in the Lincoln.  
It's like a comfortable easychair or divan.  
I recommend it to you."*

Mrs. Cassini is pointing out that you sit up in a Lincoln in chair height seats. The space has been arranged so that no matter what your size you never feel awkward or cramped.

And when Mrs. Cassini drives, she finds that her Lincoln for all its size and luxury is as easy to handle as a small car. Steering, parking, passing and stopping are accomplished almost unnoticeably.

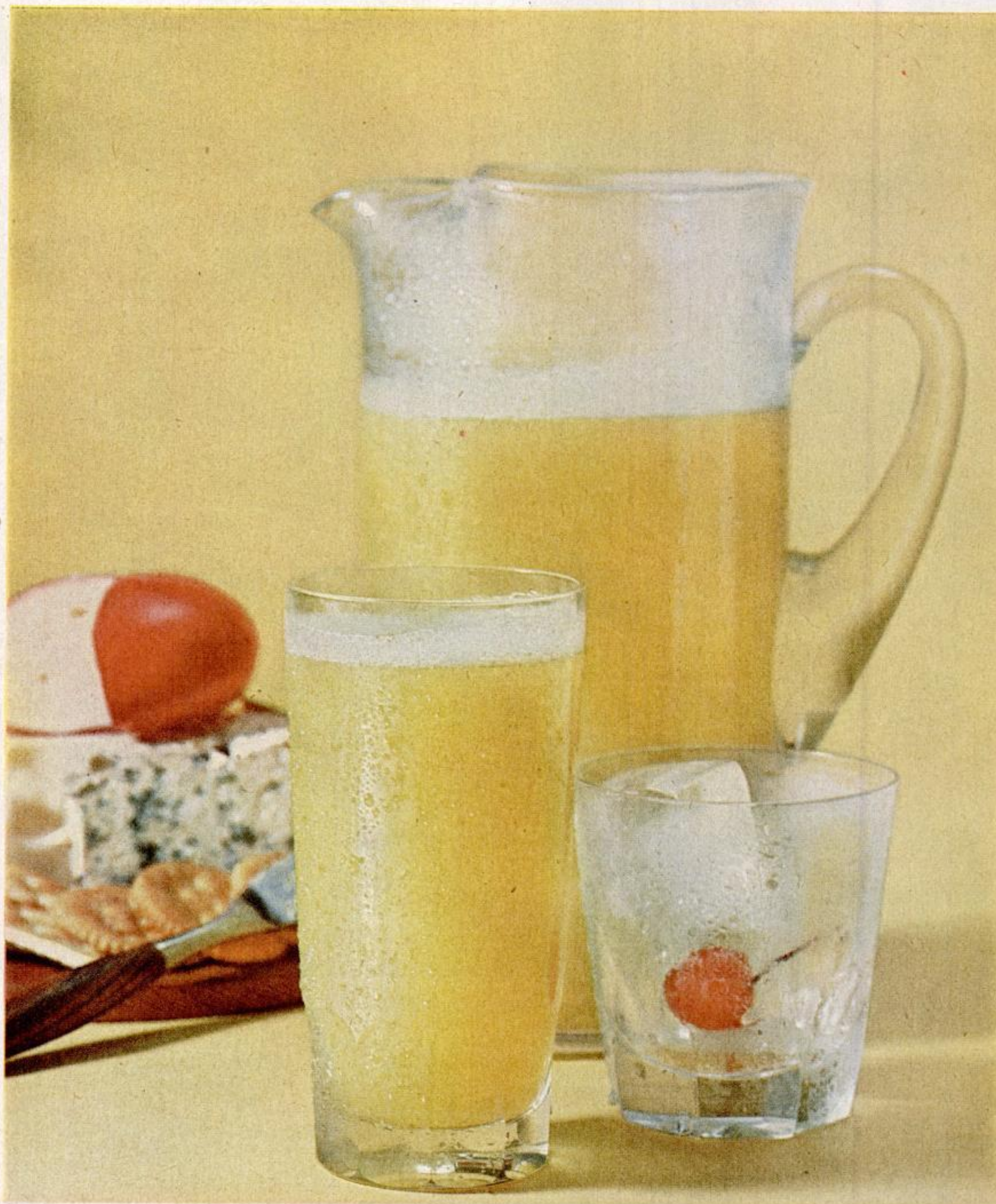
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**Have You Noticed?** In the best restaurants, on planes and trains—wherever you see people who are going places and doing things—you see grapefruit juice. You see it in all kinds and shapes of glasses—at all times of the day—enjoyed for its own delicious flavor—in great demand as a mixer.

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**For Vitality—Get Your Vitamin C The Natural Way.** People who know the secret of youthful vitality know you need a fresh supply of Vitamin C every day—because it's one vitamin your body can't store up. And it's equally important to get your Vitamin C *as nature intended* you should—in combination with the other vital nutrients and health benefits found in grapefruit juice from Florida. That's what's meant by *Vitality* Vitamin C!

\* \* \*

**How To Stay Young Looking.** Grapefruit juice is low in calories, too! Helps you keep that trim figure and the youthful looks that go with it. Light and refreshing—grapefruit juice is so good and so good for you!

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**Thriftiest Way** to get the natural Vitamin C you need every day. Canned grapefruit juice from Florida costs only pennies a glass. It's your best juice buy. So convenient, too. Comes full strength—ready to pour.

# gold mine of Vitality Vitamin C



Canned  
**GRAPEFRUIT JUICE**

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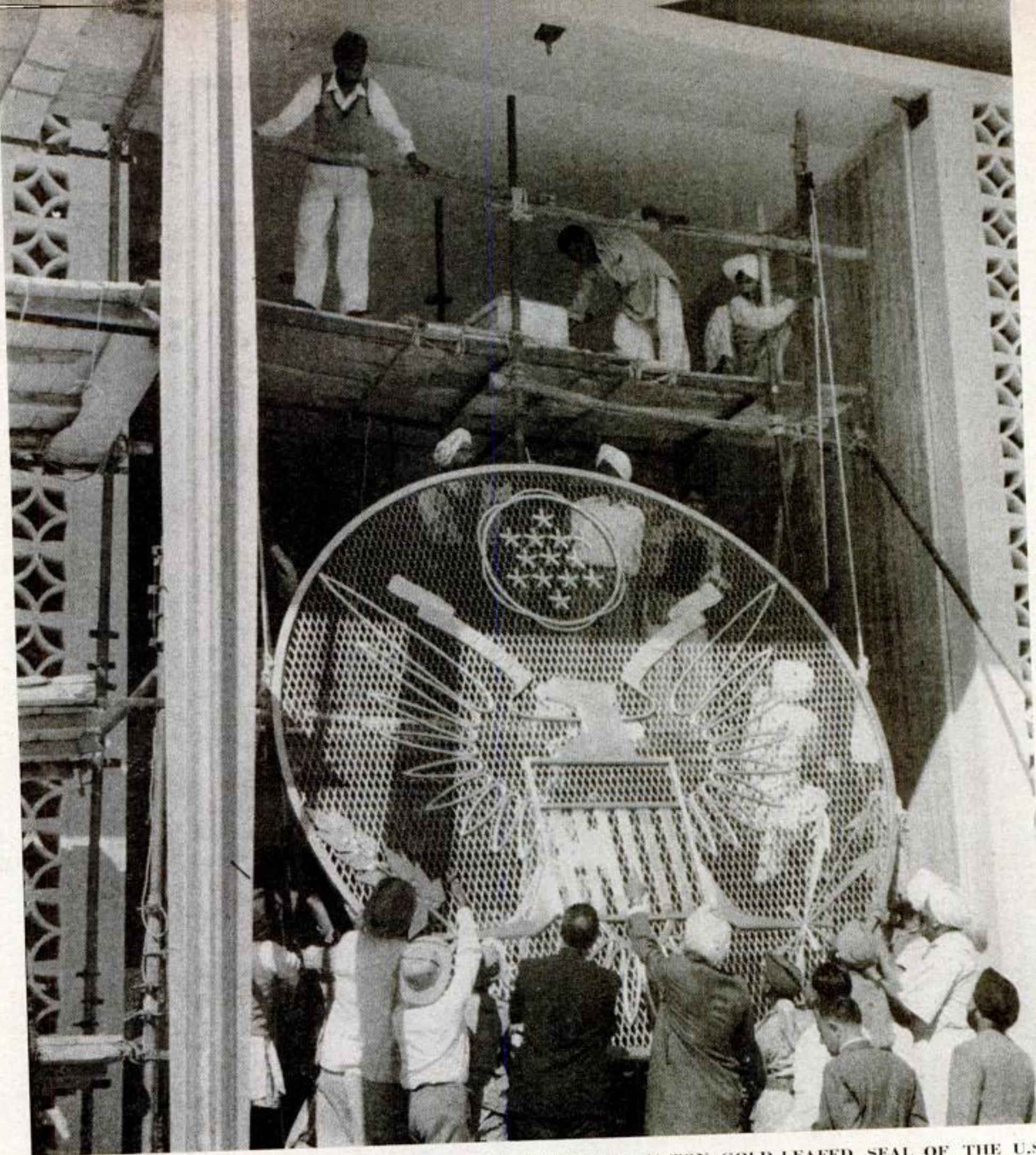


# Diplomatic Temple

## AMERICA'S EMBASSY WINS INDIA'S PRAISE

In New Delhi, India this month the U.S. dedicated a new embassy and found that it had done something that Indians wholeheartedly approved. The embassy, a low and lovely structure designed by Edward Stone, who did the U.S. Pavilion at the Brussels Fair, follows the State Department policy that new buildings abroad should respect the architectural traditions of the countries in which they are built. The New Delhi structure is done in the style of ancient Indian buildings which were faced with decorative tiles. The embassy uses arabesque grilles which make a stunning facade and also serve to filter the hot Indian sun.

Though functional in design, the building recalls an Indian temple. An Indian newspaper called it "a fine example of cultural assimilation." The embassy enchanted Prime Minister Nehru who came to the dedication ceremonies and praised it as a "very beautiful structure."



AT THE EMBASSY ENTRANCE INDIAN WORKMEN RAISE THE 1½-TON GOLD-LEAFED SEAL OF THE U.S.

AT DEDICATION AMBASSADOR AND MRS. BUNKER SHOW NEHRU AND HIS DAUGHTER THROUGH GARDENS SURROUNDING ELEGANT MARBLE-GRILLED EMBASSY





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**So friendly to  
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NO DRY  
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NO FLAT  
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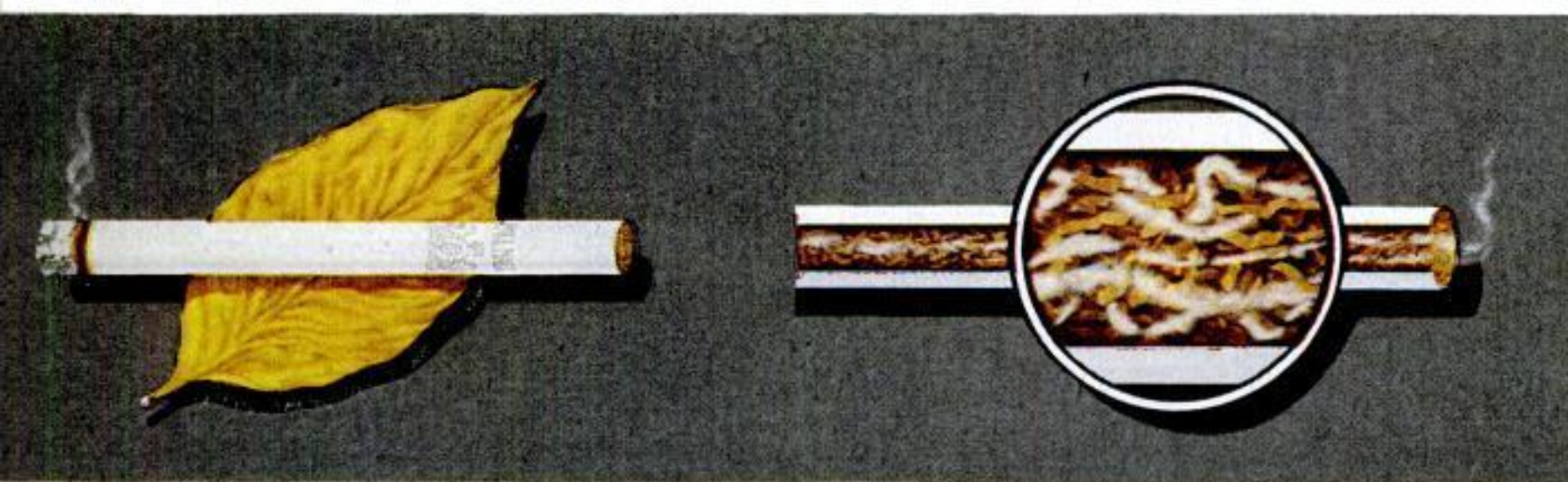
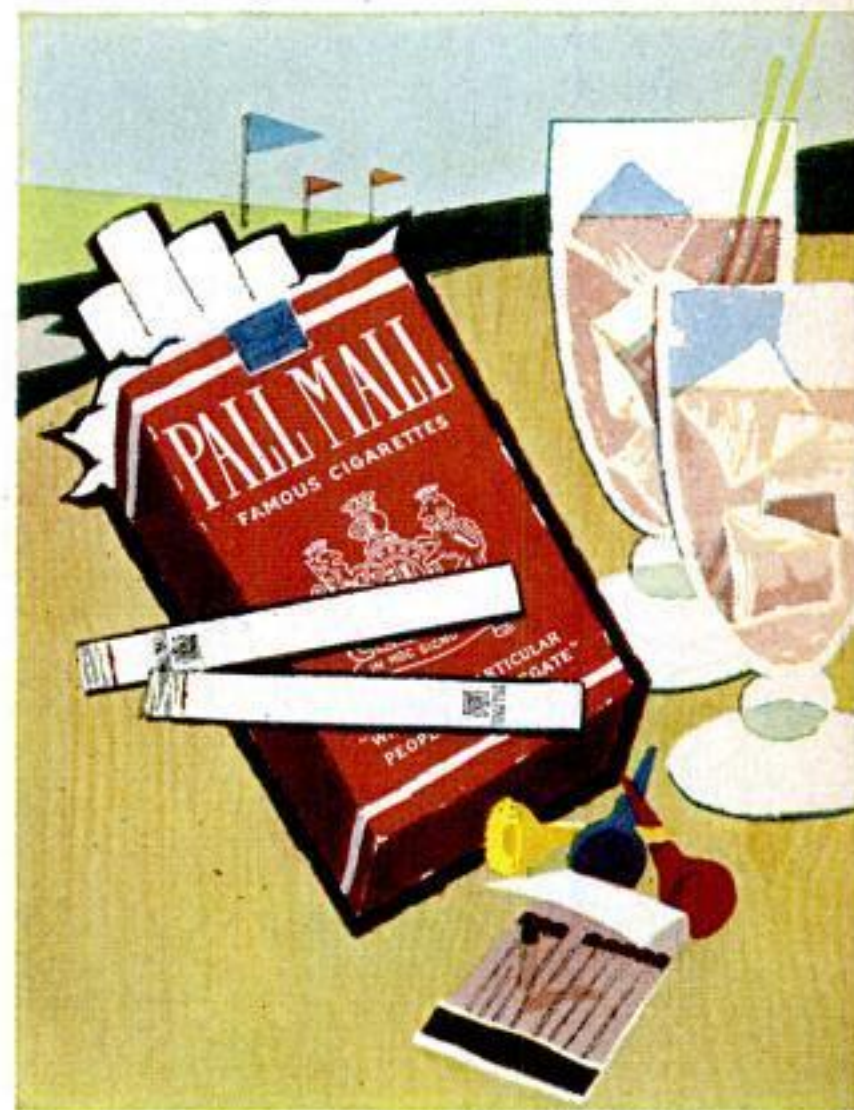
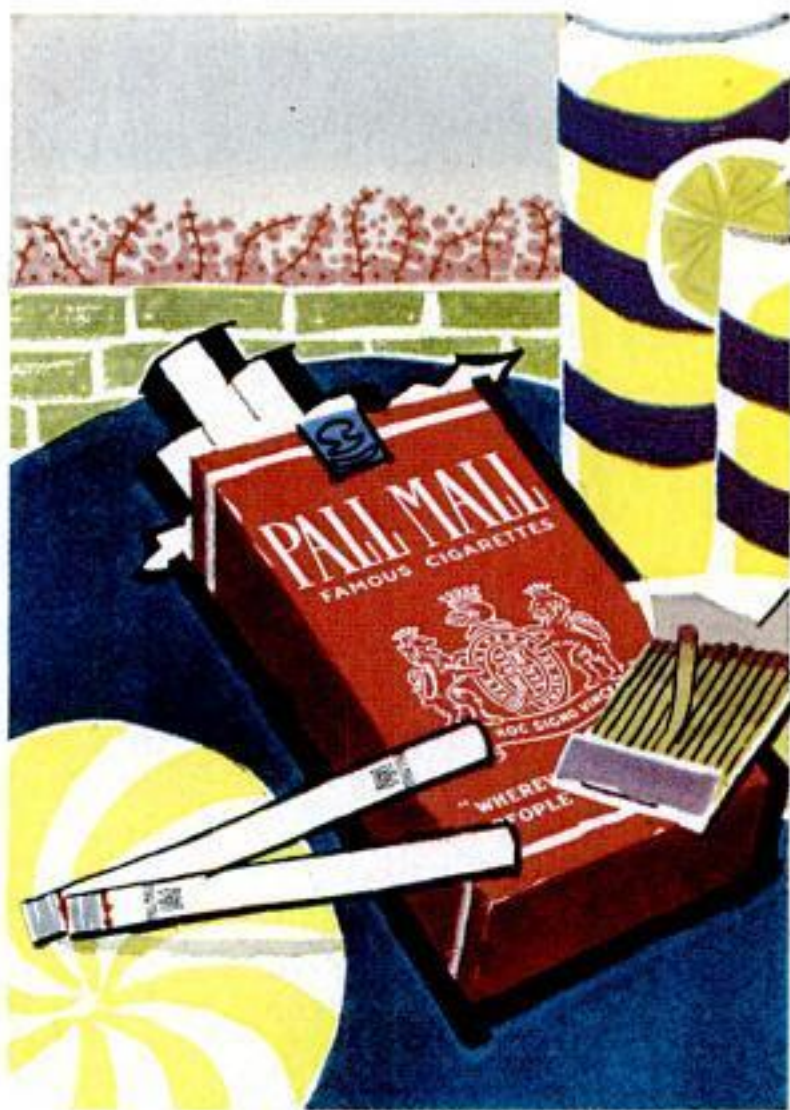
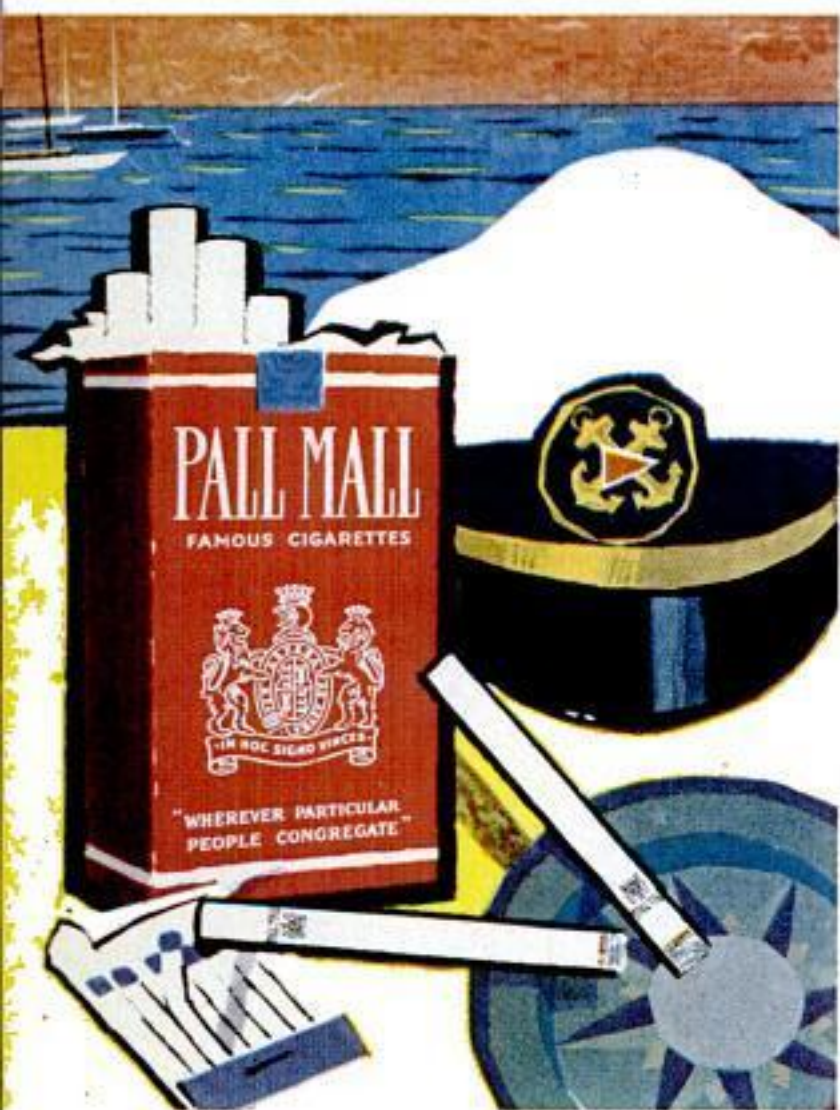
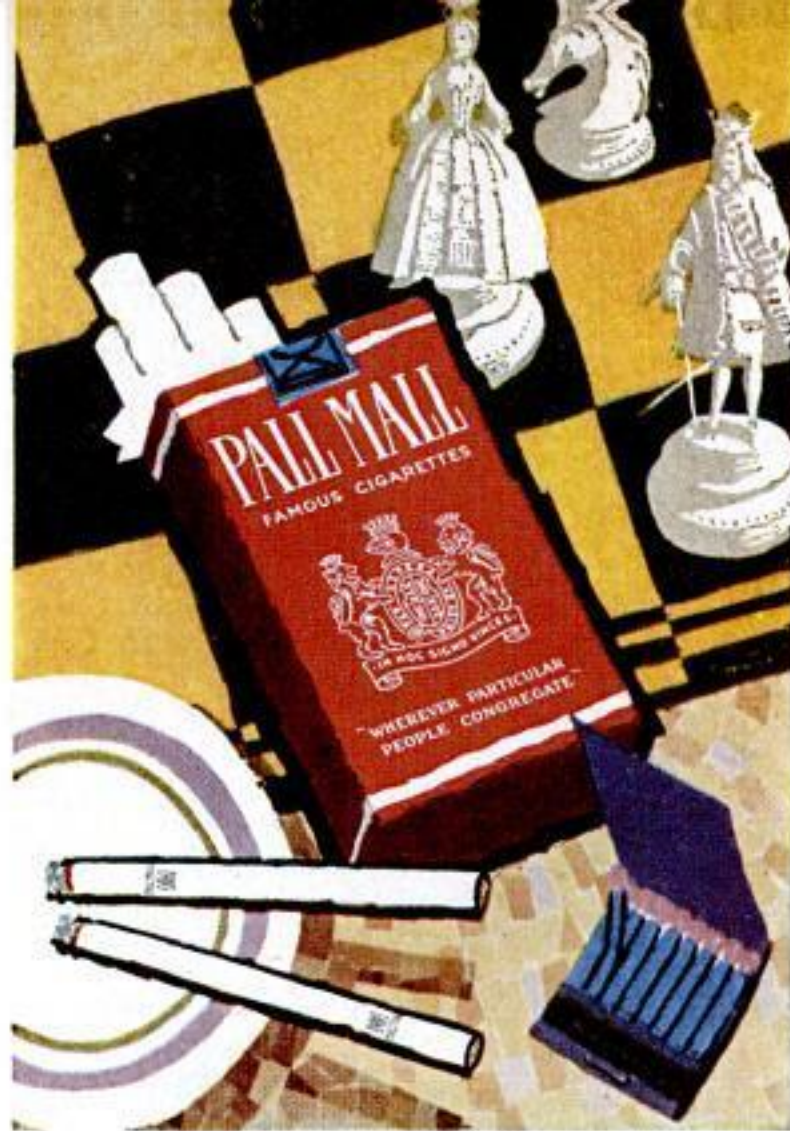
**See how** Pall Mall's greater length  
of fine tobaccos filters the smoke and  
makes it mild—but does not filter out  
that satisfying flavor!



**FOR FLAVOR AND**

**1** You get greater length of the  
finest tobaccos money can buy





Outstanding...  
and they are  
**Mild!**

**MILDNESS, FINE TOBACCO FILTERS BEST**

**2** Pall Mall's greater length filters the smoke naturally..

**3** Filters it over, under, around and through Pall Mall's fine tobaccos!

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SKIERS AND SWIMMERS ON ROOF OF MT. SNOW LODGE, WARMED BY SUN DESPITE FREEZING WEATHER, WATCH POOL REFLECTED IN MIRROR BEHIND THEM

# Summery Sport for Skiers

In five years Mt. Snow, Vt. has been transformed from a patch of wilderness to one of the country's largest and fastest growing ski areas. Last season its lifts carried 2.5 million riders. Now wintry Mt. Snow has a summery lure for non-skiers—a steaming pool just a snowball's throw from the lift lines. It is the first attempt in the east to mix the two popular hot and cold weather sports.

The roofless pool is protected from winds by 15-foot glass walls and the water is kept at 105 degrees, the temperature of a hot bath. It can be used even on cloudy, zero days but swimmers have to brace themselves for an icy dash down the stairs to the dressing rooms. One mother reprimanded her daughter playing on the radiant-heated pool edge: "Get back in the water before you catch cold!"

Skiers find that after a rigorous day on the mountain a plunge in the pool has the therapeutic effect of a sauna bath. But not all are sold on the idea of mixing their sports. One expert took a look at the kidney-shaped pool and said, "Sure it's fun—but is it skiing?"



BATHED IN STEAM, couples soak in comfort as skiers stroll by on heated walk. Swimmers keep

warm by staying submerged. On zero days their hair freezes unless they keep ducking under surface.



# How we retired in 15 years with \$300 a month

"Miami is a real paradise for us! Swimming and sunbathing most every day—a garden that beats any seed catalog—and plenty of time to just relax. What's more, we're still young enough to enjoy it all. I'm only 55. But if I hadn't found the way to retire with an income of \$300 guaranteed for life, my days would still be bound by the time clock and commuter train.

"Yes, that monthly check really changed my whole life. And it's just by luck that I came to get that check, too. It all started back in 1943—right after my fortieth birthday.

"Sue gave me a surprise party that year. During the evening, my old friend Dick Lauman got up and jokingly proposed a toast—"To the first old man of the crowd."

"Funny how that stuck in my mind. Days after, I found myself thinking about it. I had to agree with Dick. I was getting on. Actually, half my work years were over. It sort of frightened me, too. Especially when I thought how little I'd done to prepare for the day when I'd want to stop work.

"I had a good salary. But we just about managed to come out even every year. It almost seemed too late to begin to save. We could never save enough. And even if we did—there was always the danger of outliving our capital.

"Then one night I was glancing through a magazine. One of the ads caught my eye. And it really hit home! It told about a Phoenix Mutual Retirement Income Plan. That was the way a man like me—a man in his forties with a good salary and fifteen or twenty working years ahead—could use part of his present salary to buy a retirement income for later on. The coupon offered more information. I never was one to send in coupons, but this seemed too good to be true. I sent it in right away.

"A booklet explaining all the Phoenix Mutual Plans came back in the mail. And when I read it through, I was sold. Phoenix Mutual was for me!

"Soon after, I applied and qualified for a Phoenix Mutual Retirement Income Plan. That was over fifteen years ago.

"Our first check came in May. Sue and I packed up and headed south. And, believe me, it's wonderful—no trains to catch—no appointments to keep—and, best of all, we have no worries about money. But we could



never have done it at all without Phoenix Mutual."

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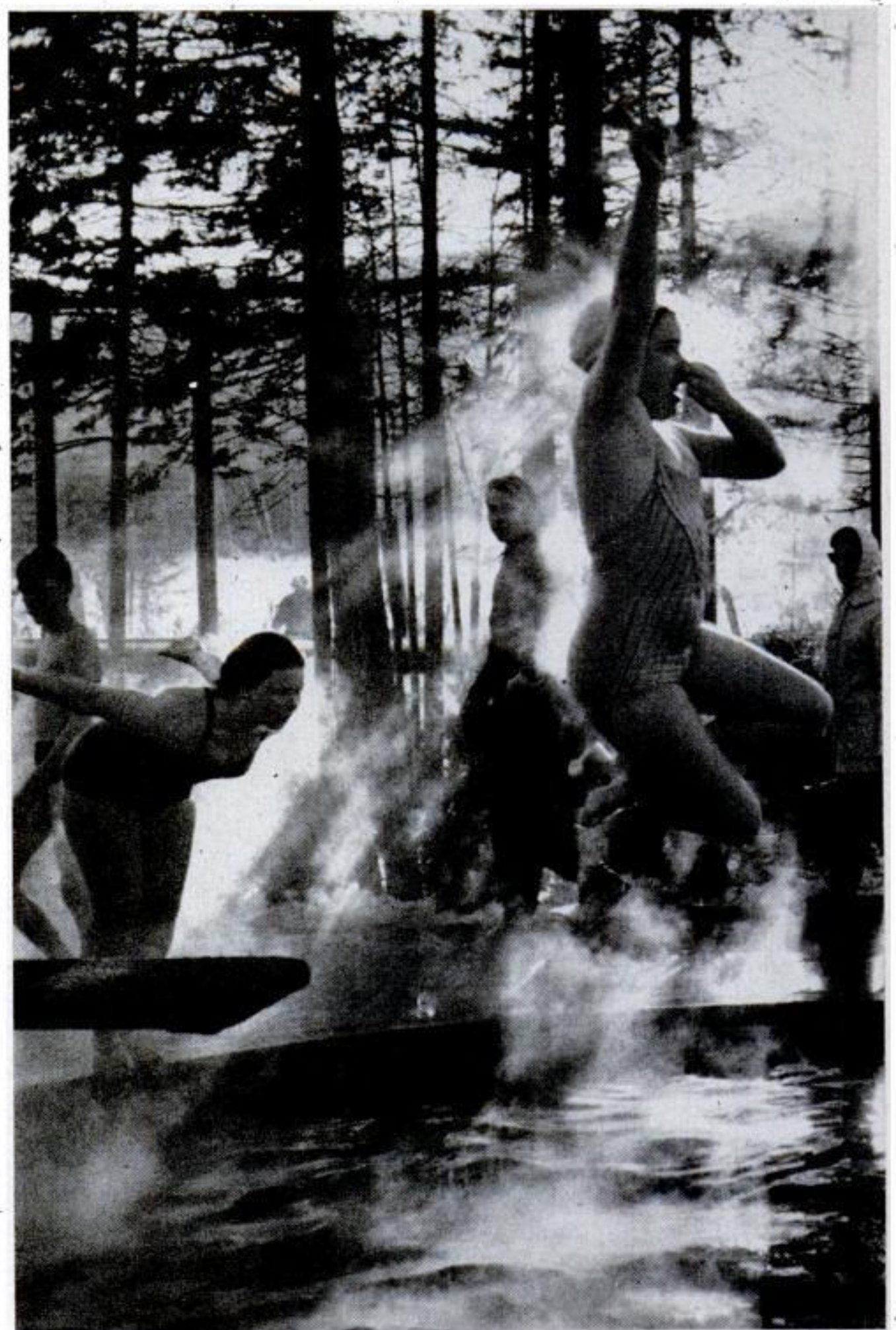
Name \_\_\_\_\_

Date of Birth \_\_\_\_\_

Business Address \_\_\_\_\_

Home Address \_\_\_\_\_

## SUMMERY SKIERS CONTINUED



THROUGH ICY AIR girl leaps off diving board. When temperature drops in late afternoon, steam from pool becomes so thick divers cannot see water.

## Fun in steam, snow

Before putting in Mt. Snow's pool, area developer Walt Schoenkecht traveled all over the world looking at swimming pools. He decided that the only way to make a pool practical at a ski resort was to get the water as hot as people could stand it. Water enters the pool at 125°, loses about 20° at the surface. Heating the pool takes up to 6,000 gallons of fuel a week. "I guess all we need now," says one pleased Vermonter, "is some way to get them skiing in the summertime."



IN FRIGID GAG swimmers Earl Pollack and Bob McCarthy roll in snow on dare from friends at pool. They both raced back to the pool in background.



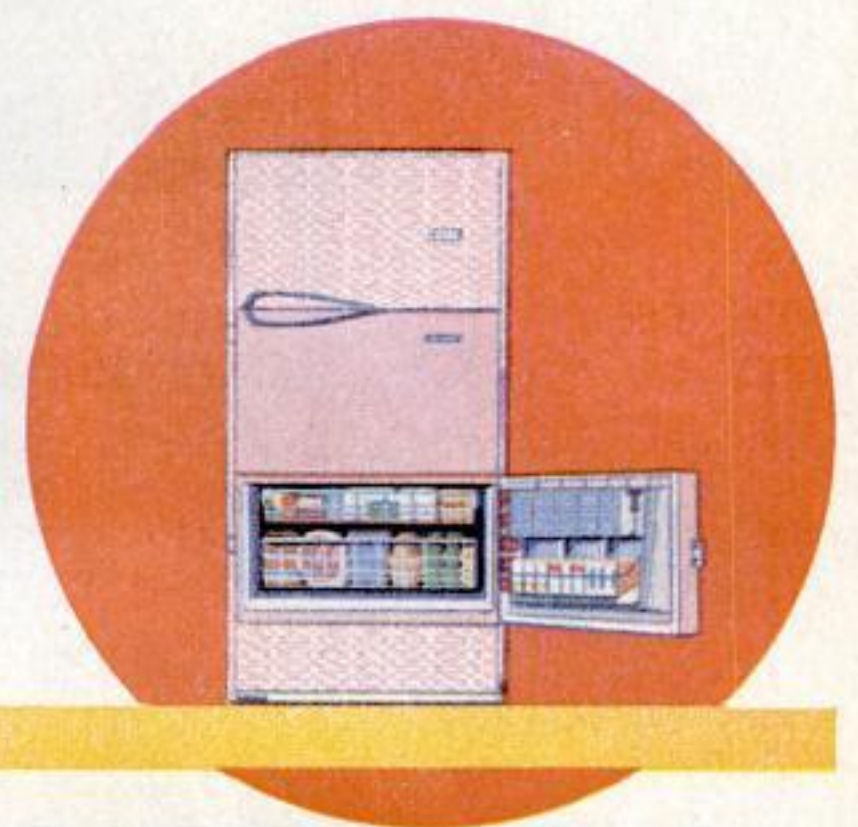


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in your  
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with a beautiful... and  
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development in  
exclusive  
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refrigeration by

  
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No more fighting to get frozen foods from your freezer. No more puddles on the floor. No more frost ever in the freezer or in the refrigerator!

**THIS IS NOT JUST AUTOMATIC DEFROSTING—BUT SOMETHING ABSOLUTELY NEW AND DIFFERENT!** No frost forms at all—in either the real home food freezer or in the refrigerator section. It's another first! It's from Frigidaire, naturally.

**FULLY FROST-PROOF IN THE FREEZER!** Never any frost to defrost. Frost is stopped before it starts. A simple system whisks away any heat and moisture before frost can form! Food packages don't frost up, don't stick together. Neither do ice cubes. Foods keep better, look better, taste better.

**FULLY FROST-PROOF IN THE REFRIGERATOR!** No frost ever. No defrosting ever. Perfect foodkeeping in Frigidaire "Flowing Cold."

**IMPORTANT!** Don't confuse the Frigidaire *Frost-Proof* models with so-called "automatic-defrosting" refrigerators that apply heat to remove freezer frost and ice from freezer. There just isn't any frost to defrost. Hurry in and see this sensational new development—and you'll say it's time to trade now!

Here are some other wonderful "withouts" you get with Frigidaire!

Model FP-142-59



### FOODS WITHOUT STRETCHING

Frigidaire exclusive Roll-To-You Shelves bring things to you at a finger touch.



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## THE ENORMOUS MIGRATION

The animals of the Americas are products of the greatest migration in the recorded history of the world. Since the Age of Dinosaurs the two continents had been separated by the sea. About one million years ago the Isthmus of Panama arose, creating a land bridge from north to south. Animals streamed across in both directions. From the north came the varied species indicated on the map by blue arrows. From the south came those indicated by white arrows; those which got no farther north than the forests of Central America are indicated by yellow arrows. Many of the migrants became extinct in the great dying of the Pleistocene Age. Others, like the spectacled bear of South America and the porcupine of North America, survive today only in their adopted homes.

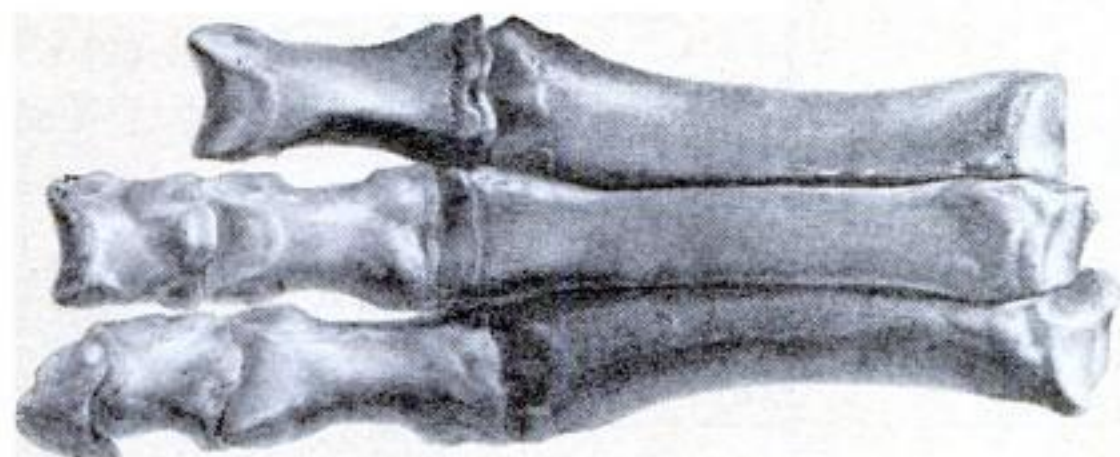
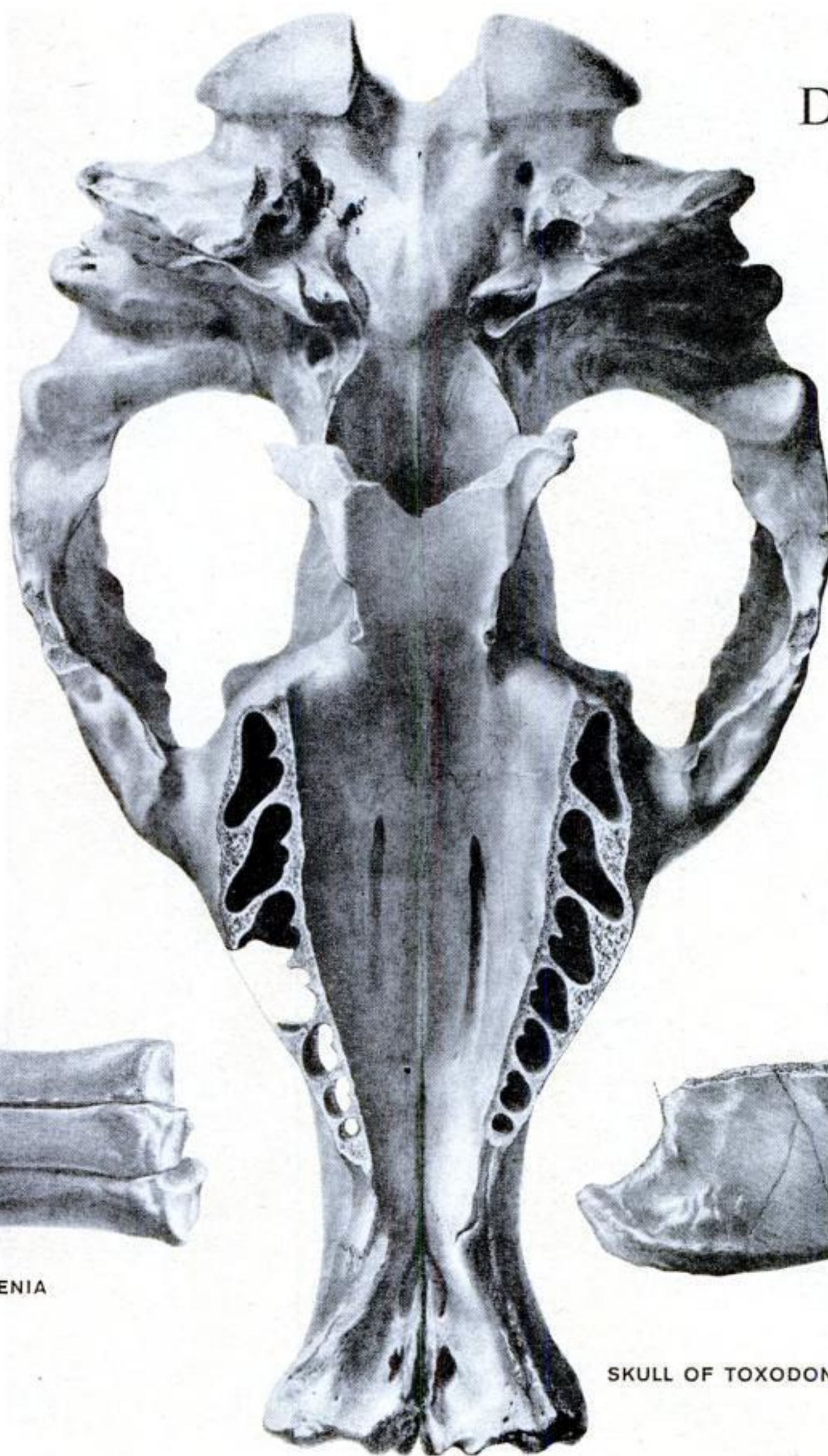


TOXODONT



DARWIN'S DISCOVERIES in South America included these enormous bones which provided first proof of the existence of three massive extinct mammals never before known to man. Paintings of these animals as they lived half a million years ago appear on pages 48 and 49.

## DARWIN'S WORLD OF NATURE PART IV



FOOT OF MACRAUCHENIA



JAW OF MYLodon

SKULL OF TOXODON

# STRANGE CREATURES OF A LOST WORLD

Their fossil bones revealed to Darwin the continuity of life

LATE in August 1833, Darwin disembarked from the *Beagle* to explore the Argentine pampas and stumbled immediately on one of the most dazzling discoveries of his historic voyage. Digging in the red clay of a coastal plain, he uncovered the huge bones of some of the weirdest creatures quixotic nature ever devised (above). "It is impossible to reflect on the changed state of the American continent without astonishment," he wrote. "Formerly it must have swarmed with great monsters."

Monsters they were, for nowhere else on earth had more fanciful forms evolved in the long twilight of prehistory. Their baroque remains added another dimension to the widening horizons of Darwin's thought. In the Brazilian jungle (LIFE, Nov. 3) he glimpsed the workings of natural selection in the crowded insect world. On the Galápagos Islands (LIFE, Sept. 8) he would discern how new species evolved in isolation. Now on the pampas he found evidence of the continuity of life in the immensity of time. While the earth's antiquity is common knowledge today, in Darwin's era the science of paleontology had only begun to stir.

The notion that animals unknown to man might once have ranged the earth and vanished clashed with belief in the separate creation of species.

Darwin was often asked: If extant species evolved from extinct species, why are fossil beds not filled with innumerable transitional forms? He replied: "The crust of the earth must not be looked at as a well-filled museum, but as a poor collection made at hazard." He knew that many species died without descendants in the struggle to survive. And he knew that the lands of earth rose and fell, now dividing populations, now creating land bridges across which animals migrated to new homes. Amazed by the archaic fauna of South America, he conjectured that the Isthmus of Panama might once have been submerged. His inspired guess has been confirmed. We know now that for 70 million years South America was an island where aboriginal species evolved in isolation. Then the isthmus arose, precipitating the great Pleistocene migration (map left). In the onslaught of the northern invaders on the native population, many wondrous creatures disappeared forever, many new forms arose.

Text by LINCOLN BARNETT

CONTINUED

47



RECENT 10,000 YEARS AGO

PLEISTOCENE 1,000,000 YEARS AGO

PLIOCENE 12,000,000 YEARS AGO

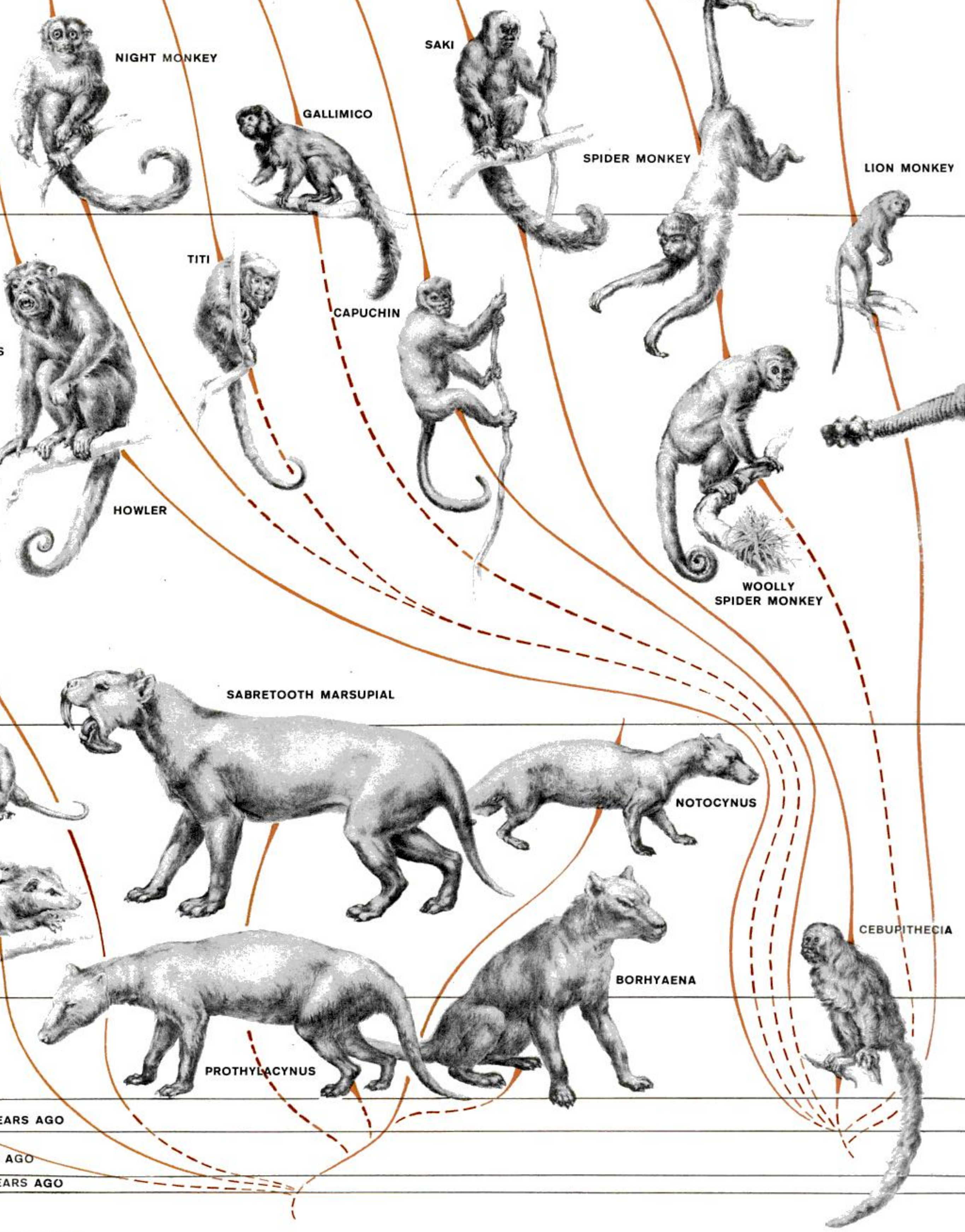
MIOCENE 30,000,000 YEARS AGO

OLIGOCENE 40,000,000 YEARS AGO

EOCENE 60,000,000 YEARS AGO

PALEOCENE 70,000,000 YEARS AGO

CRETACEOUS 120,000,000 YEARS AGO

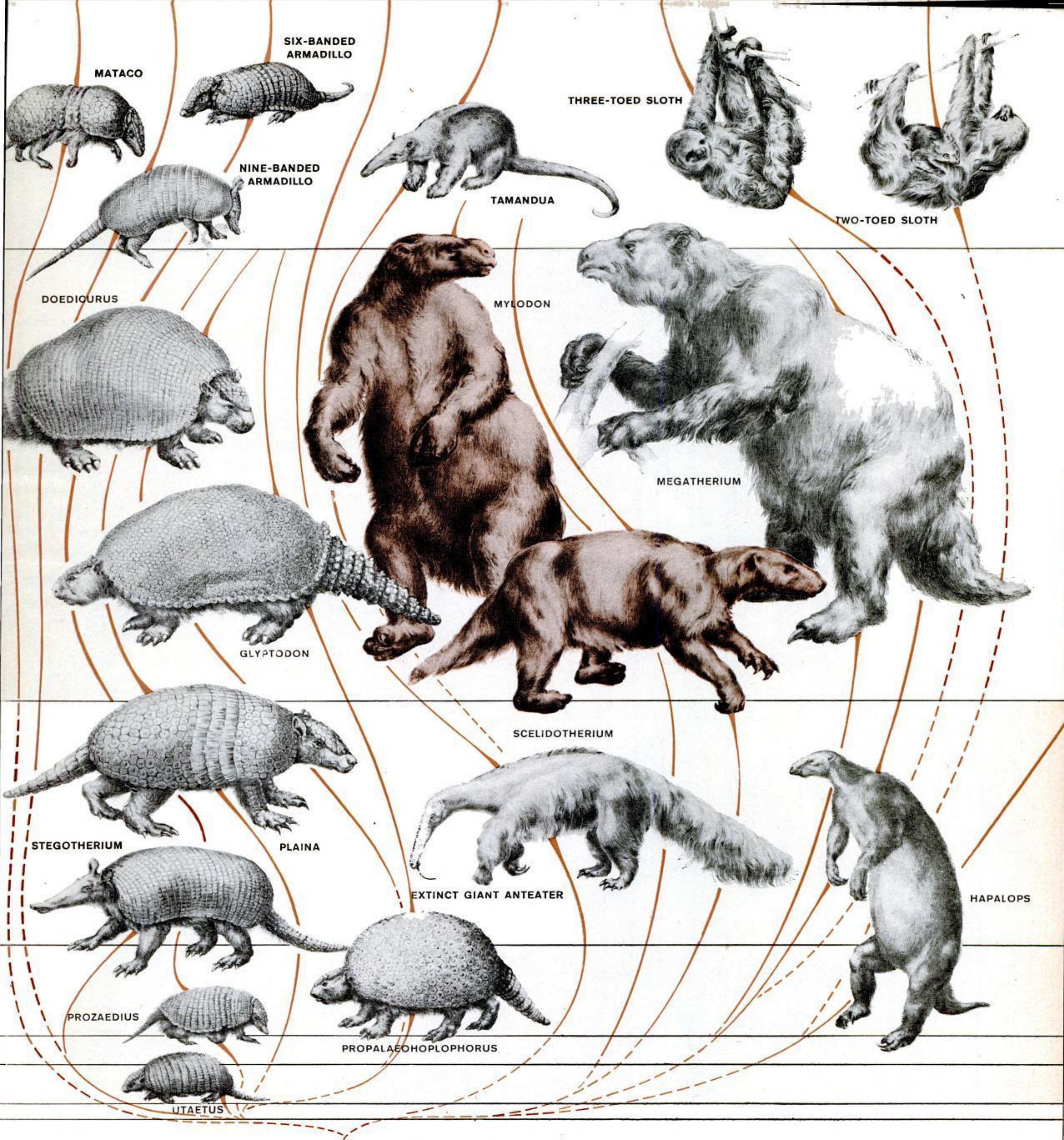


# FAMILIES OF MARSUPIALS, MONKEYS,

Of the fantastic aboriginal populations that evolved in isolation during the millions of years when South America was an island continent, only a few lines survive to the present day. And all of these have undergone change in some degree. The charts on the following five pages depict the evolutionary development of the native fauna as it has been reconstructed through the fossil record in the century since Darwin's visit.

Here history flows from the bottom up, beginning at the end of the Cretaceous period when the giant reptiles died out and mammals became dominant. The curved lines indicate the evolutionary ascent from remote common ancestors, solid lines when the evolutionary record is clear, and dotted when it is incomplete or based on conjecture. Where the same line actually touches two animals, those animals are closely





# ARMADILLOS, ANTEATERS AND SLOTHS

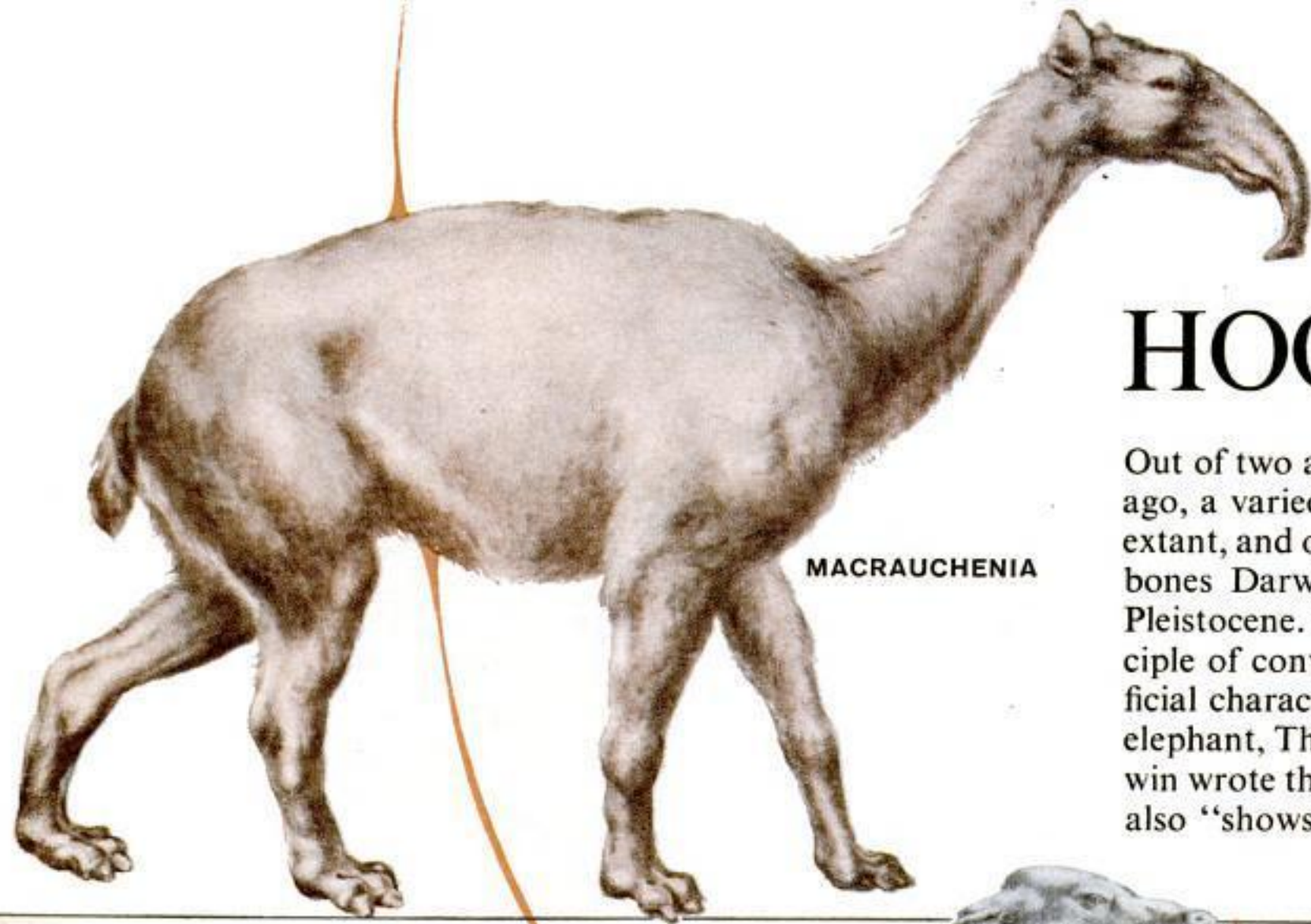
related. Solid lines which reach the top of the page indicate that a related species still exists today, e.g., monkeys, sloths, armadillos and the small marsupials at far left. Lines which end farther down on the page indicate extinction at that point—as in the case of the catlike Sabretooth Marsupial (*left center*) which died out in the Pliocene epoch. The two giant mammals shown in color are the ones whose bones Darwin discovered.

All of the animals are of South American origin. The monkeys differ from those of Africa and Asia in that only they, in the whole world, can hang by their tails. Nowhere else has there evolved so heavily armored a mammal as the sturdy, omnivorous armadillo. Nowhere else has there evolved so perfectly adapted and single-minded a gourmet as the toothless anteater with its syringe-shaped nose and two-foot tongue.

by JEAN and RUDOLPH F. ZALLINGER

CONTINUED 49

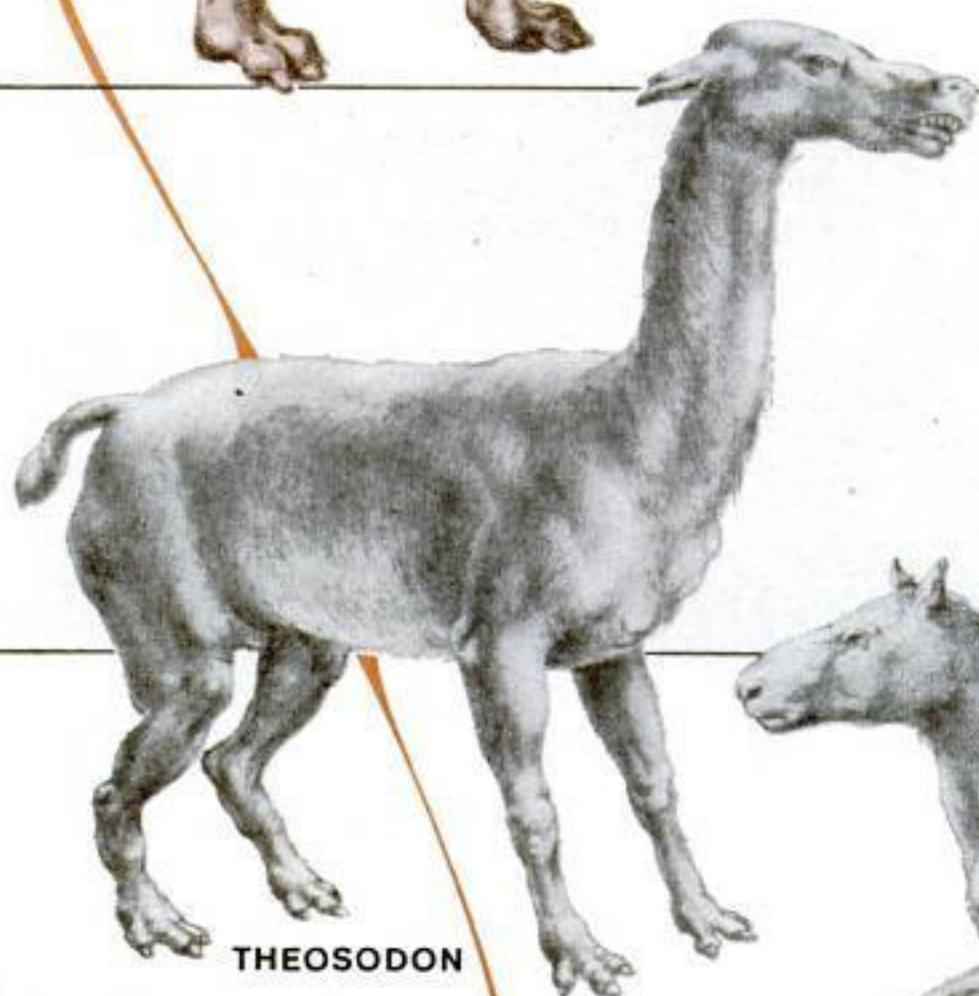




MACRAUCHENIA

# HOOFED MAMMALS

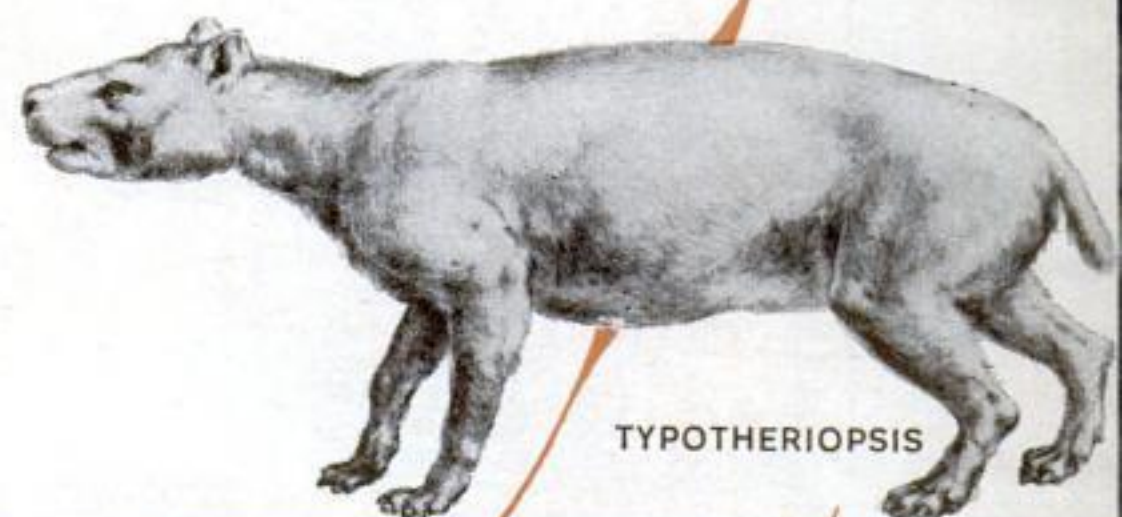
Out of two ancestral forms that arrived in South America 75 million years ago, a varied company of hoofed mammals arose. Not one species is still extant, and only the two in color, Macrauchenia and Toxodon, whose giant bones Darwin uncovered, withstood the northern invaders through the Pleistocene. Many of these archaic beasts illustrate the evolutionary principle of convergence, *i.e.*, the tendency of a species to develop the superficial characteristics of an unrelated line. Thus Pyrotherium looks like an elephant, Theosodon looks like a camel, Thoatherium looks like a horse. Darwin wrote that Macrauchenia "belongs to the order of pachydermata," but also "shows a clear relation to the camel." He was wrong on both counts.



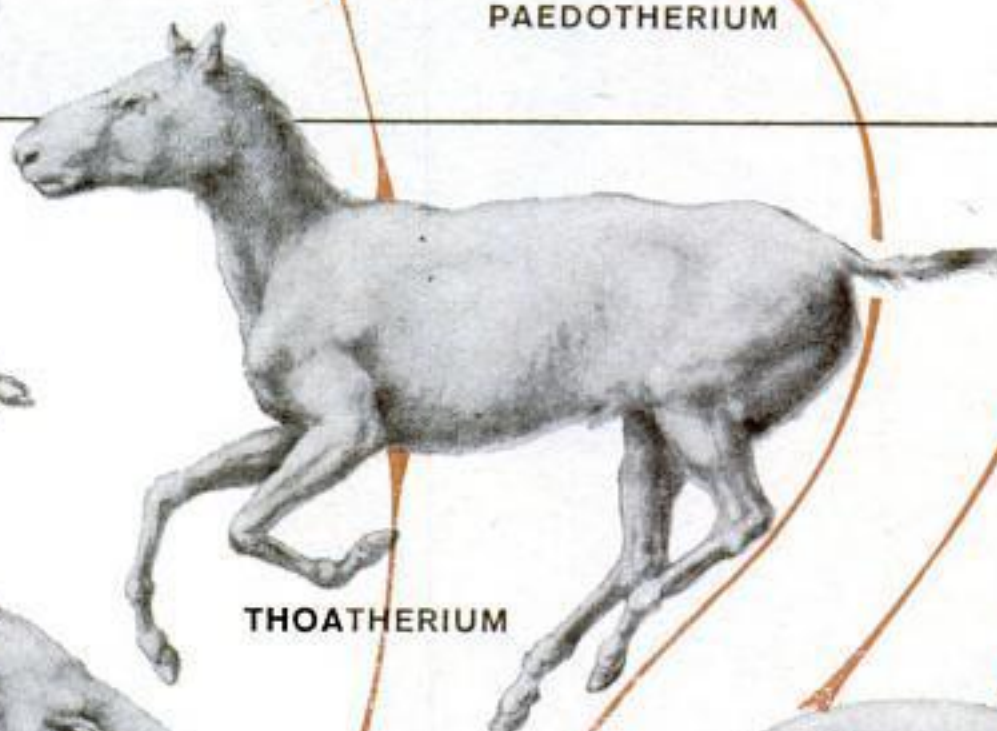
THEOSODON



PAEDOTHERIUM



TYPOTHERIOPSIS



THOATHERIUM



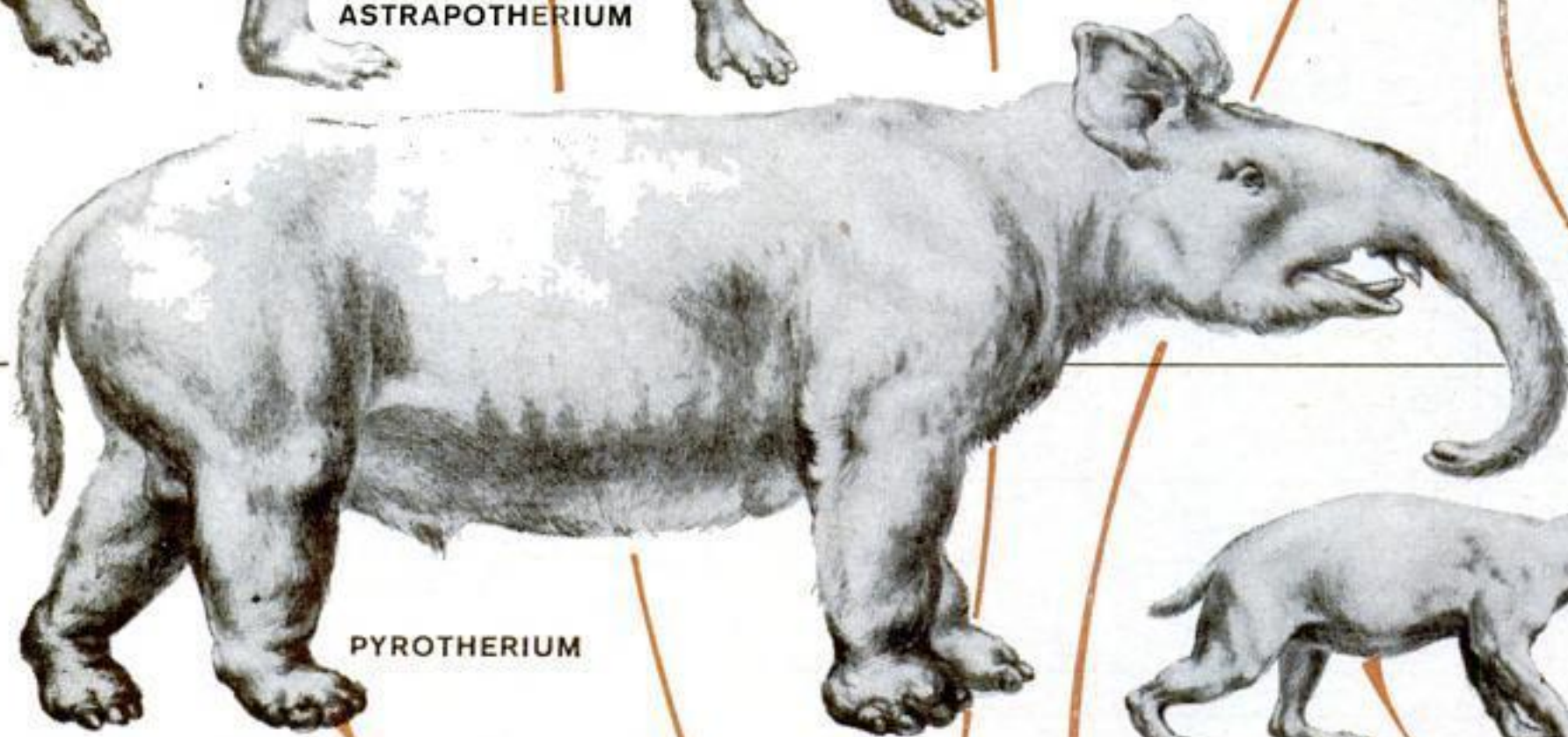
ASTRAPOTHERIUM



PROTYPOTHERIUM



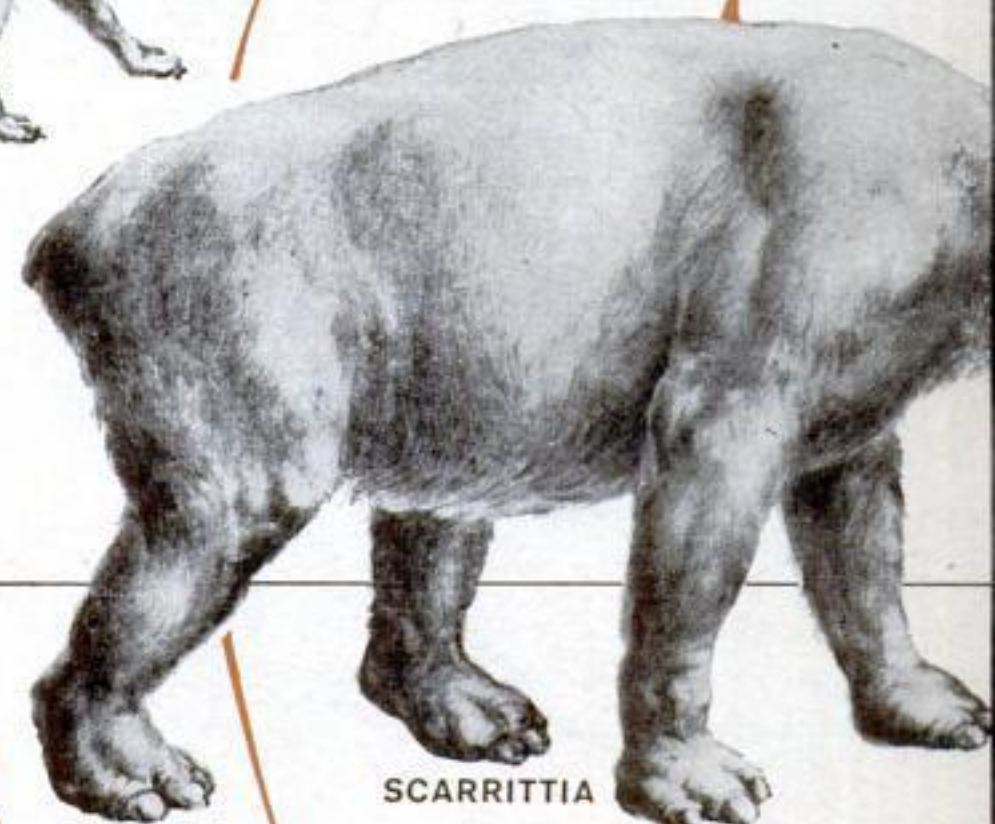
HOMALODOTHERIUM



PYROTHERIUM



PROSOTHERIUM

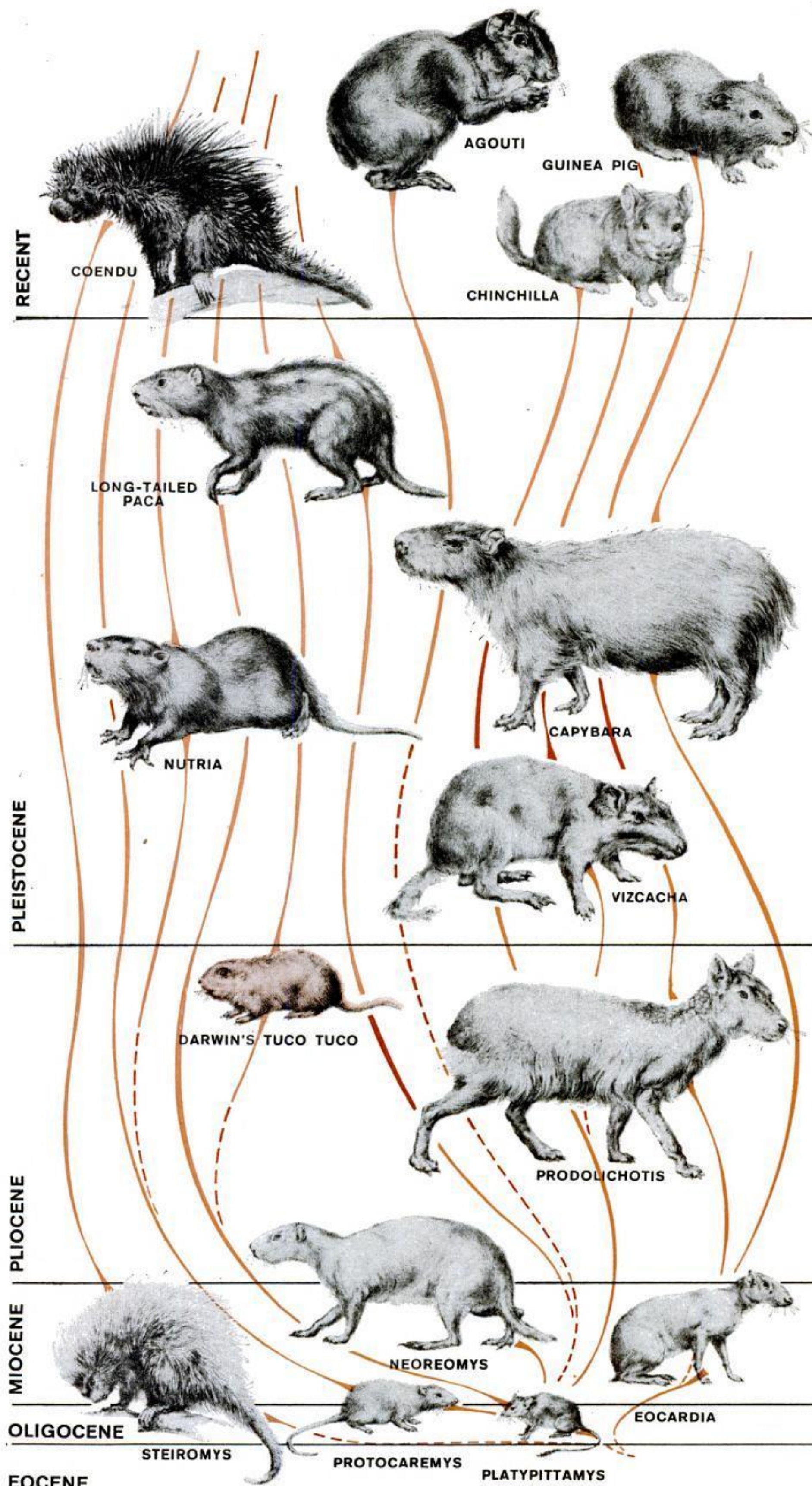
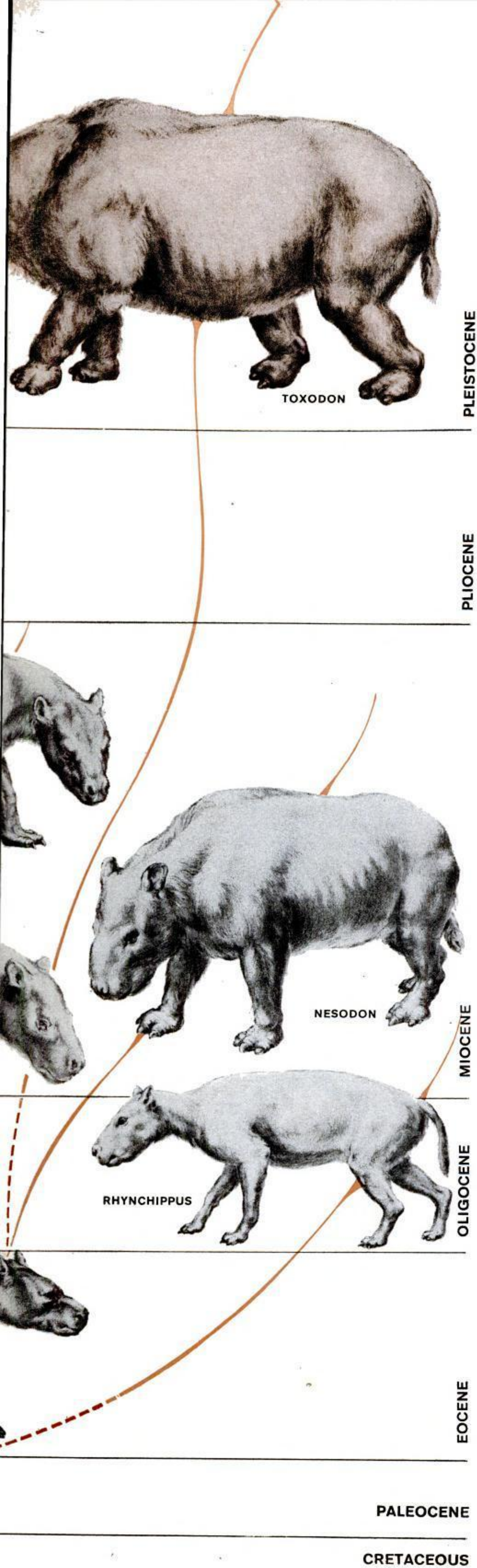


SCARRITTIA



THOMASHUXLEYA





## RODENTS

More successfully than any other animals, the versatile order of rodents weathered the upheavals of the Pleistocene. Southern rodents migrated north, northern rodents migrated south, intermingling and co-existing so cozily that today the rodent roster of the Americas is a mixture of both stocks. The familiar porcupine of temperate woods waddled up from below the isthmus. Northern *emigrés* like the squirrel and meadow mouse settled contentedly in the south. A few less generalized types succumbed to time and change, among them the ancestral tuco tuco, a molelike creature whose remains Darwin unearthed; and the extinct relatives of dinomys, which during the Pleistocene grew big as calves—the largest rodents that ever lived.



# CARNIVOROUS BIRDS

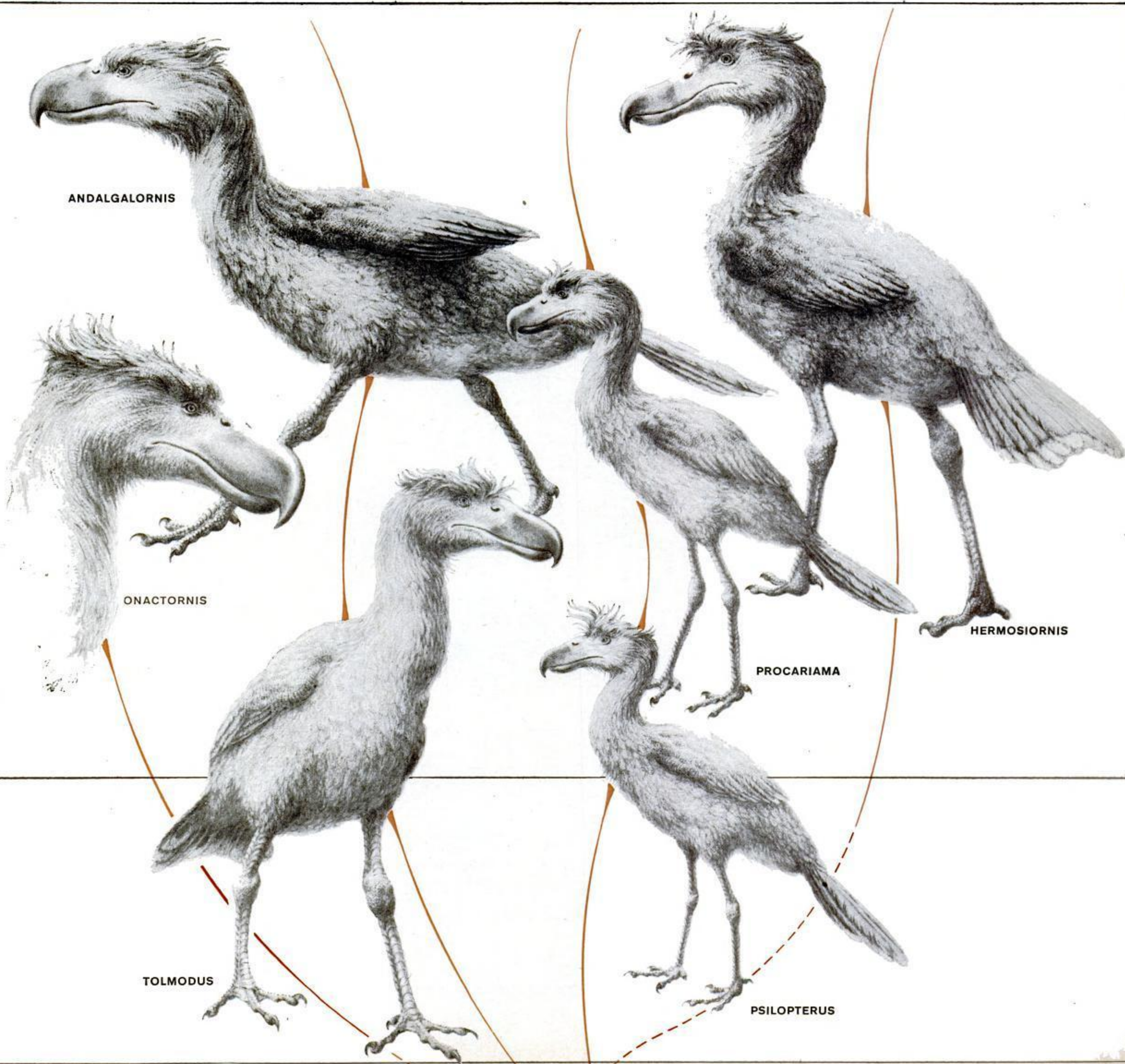
Of all the improbable inhabitants of South America, perhaps the most fantastic was a family of huge carnivorous birds. Flightless, ferocious, fleet-footed and fierce-beaked, they dominated the archaic faunas of the continent for millions of years, pursuing their prey across the plains and pampas until they gave way finally to the more efficient pumas, jaguars and giant dogs that came south in the invasion. These birds were predators such as no other animals in the world had ever faced. Their only modern relative is the Cariama (right), which stands two feet high and, unlike his fearsome forebears, can fly short distances.

In the glowering gallery below, the birds do

not appear in actual proportion. Their respective heights are: Psilopterus, 27 inches; Procariama, three feet; Tolmodus and Andalgalornis, five feet; Hermosiornis, six feet; and finally gigantic Onactornis, eight feet tall and armed with a massive 15-inch bill powerful enough to eviscerate the young of even such sizable animals as the ground sloths. Although Darwin never gazed on the fossils of these feathered flesh eaters, they perfectly exemplify, in their gradation by size, his principle of natural selection. For the size of each determined the size of its prey, thus limiting competition within the clan and allotting to each one a separate niche in nature's cruel economy.



CARIAMA



ANDALGALORNIS

ONACTORNIS

TOLMODUS

PROCARIAMA

HERMOSIORNIS

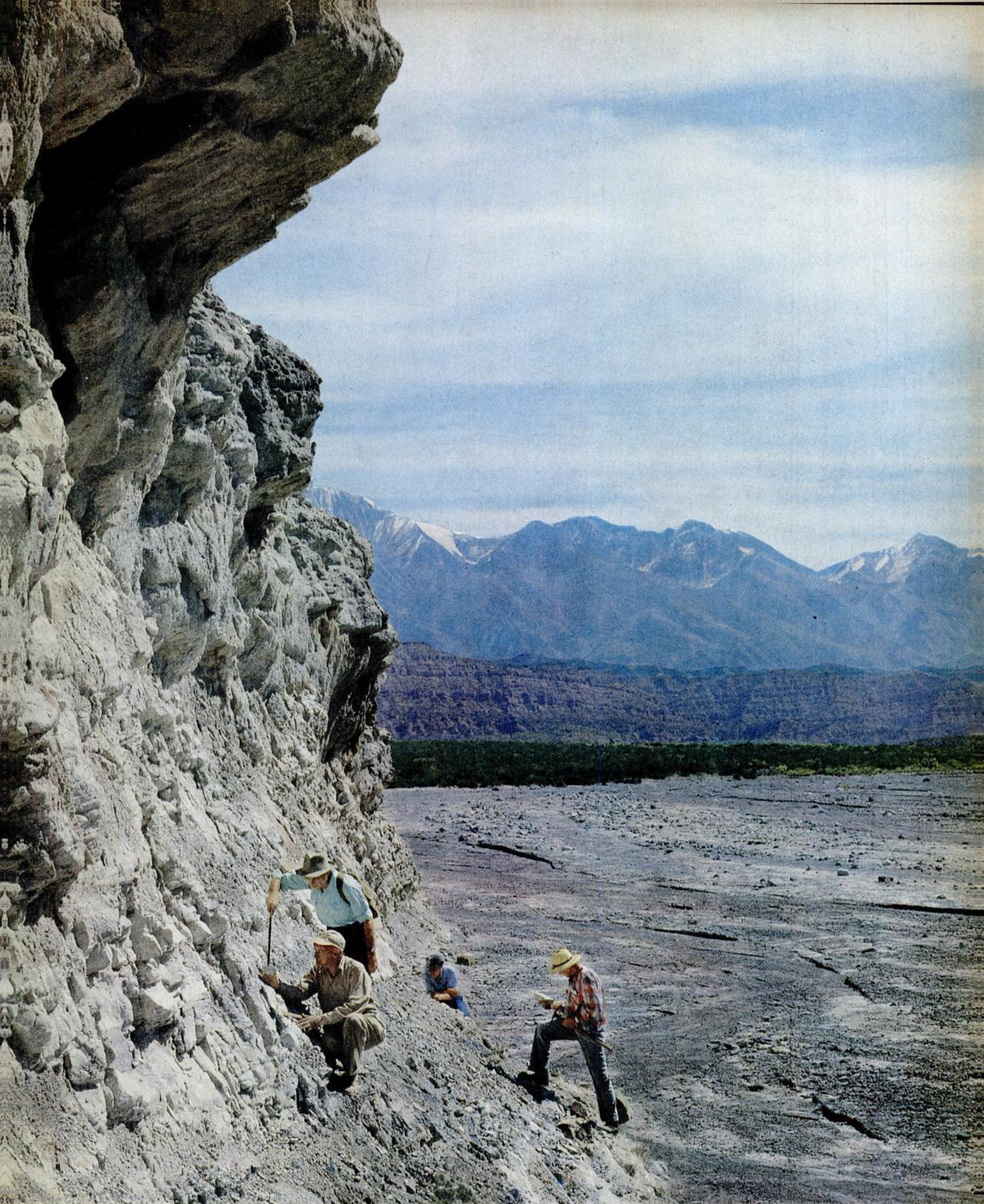
PSILOPTERUS

PLIOCENE

MIOCENE

OLIGOCENE





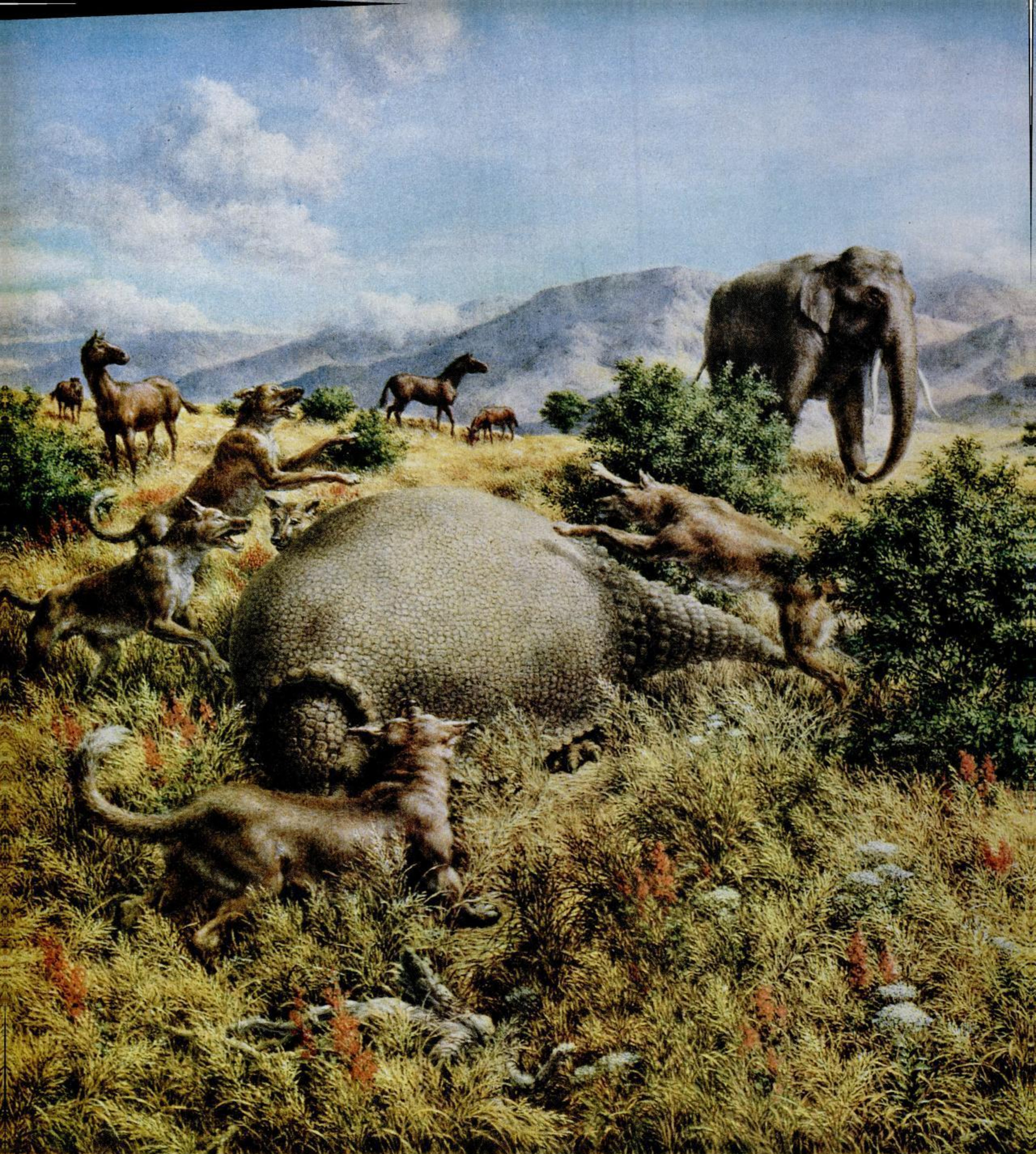
IN THE FOOTHILLS OF THE ANDES, where Darwin crossed from Chile to Argentina to study the geology and animal life of South America, paleontologists from Harvard and the Museo Argentino search for Triassic fossils in

175-million-year-old shale. The cliffs in the distance, which are composed of Pliocene (10-million-year-old) rocks, contain some of the mammalian forms shown on preceding charts. Above them the Andean cordillera soars to the sky.

CONTINUED

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HORSE  
DOGS

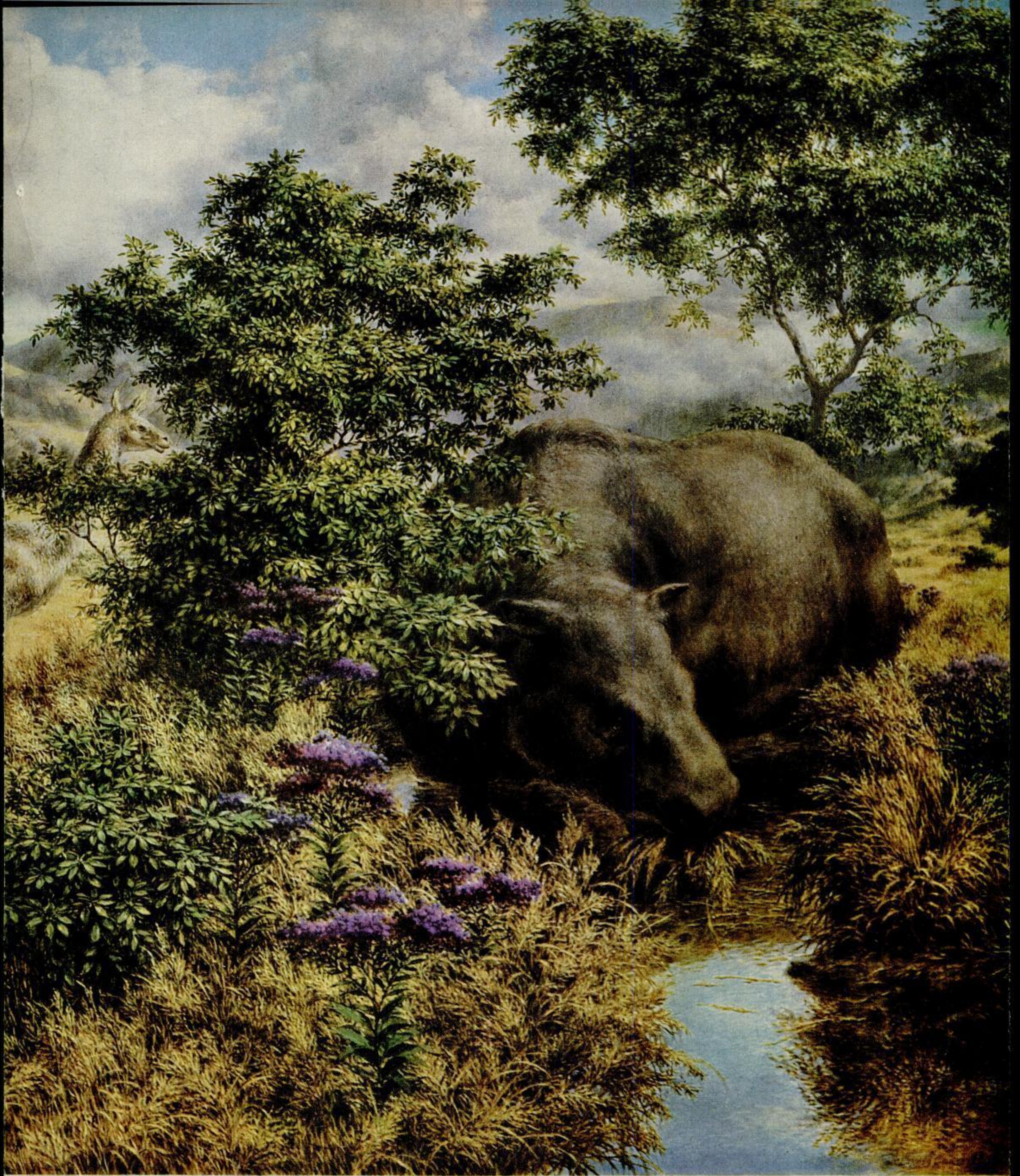
GLYPTODONT

MASTODONT

## THE MINGLING OF THE MIGRANTS

In a lush and parklike valley in Bolivia, migrant animals which had crossed the newly reared land bridge over the Isthmus of Panama met and intermingled with the ancient animals of South America sometime midway in the Pleistocene epoch about 350,000 years ago. Some dwelt peacefully together, many others had to struggle to survive. During flood periods when the valley floor grew swampy, some were engulfed in the clinging clay. As the land dried, their skeletons were covered by shifting





TOXODONT

mysterious, wholesale extinction of the largest and most spectacular mammals that ever lived. Mightiest of these were the mastodonts (the elephantlike species to which the mastodon belonged), which had evolved in Egypt 60 million years ago, then expanded east across Asia to the Americas. Lesser creatures also vanished in the multitudinous dying: *e.g.*, the cricetid rodent, a mouselike creature which had somehow crept south from Mexico and Central America; and the horse, which,

having spread from North to South America, disappeared from both continents until its European descendant was reimported by the Spaniards in the 16th Century A.D. Virtually all the archaic herbivores and marsupials that had thrived in isolation in South America for 75 million years became extinct. Their numbers included some extraordinary creatures—for example, the huge, swamp-wallowing toxodont, which Darwin termed “one of the strangest animals ever discovered.”

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MACRAUCHENIA

ARMADILLOS

MEGATHERE AND YOUNG

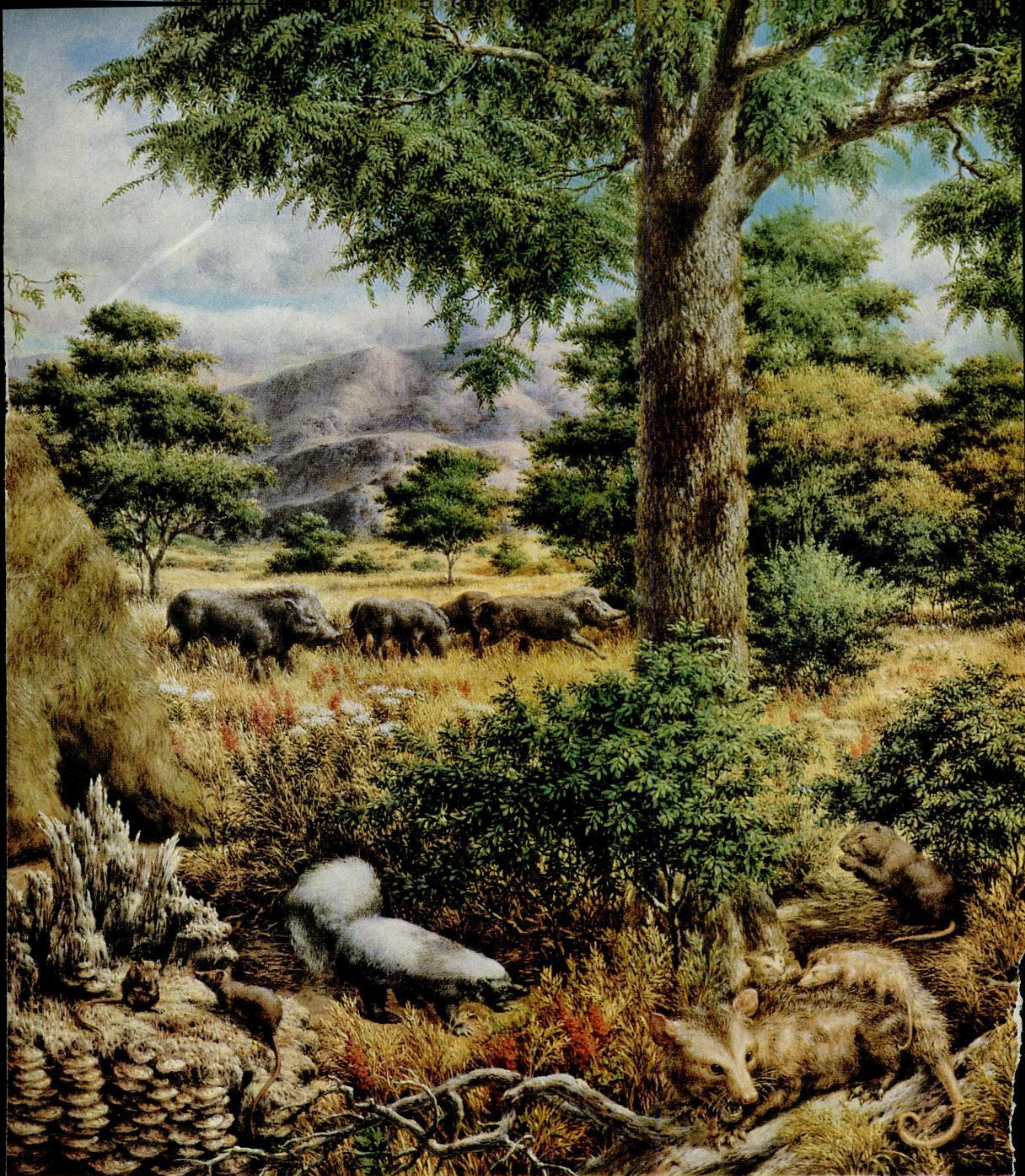
## DARWIN CONTINUED

Of all the aboriginal beasts of South America, perhaps the most grotesque was the *Macrauchenia*. Endowed with the neck of a camel and an elephant's trunk, this "remarkable quadruped" (as Darwin called it) could forage for leaves on branches 10 feet above the ground. Yet in the Pleistocene carnival of animals, even so extended a creature was

dwarfed by the giant of the region, the *Megatheres*, a species of ground sloth whose tallest members sometimes towered 20 feet high. While holding their own against the invaders, the *Megatheres* migrated eventually to North America where they lingered on until the final great crisis of the ancient mammals.

Such unwieldy monsters as the *Macrauchenia* and the *Megatheres* left no heirs, or even distant analogues. In the form shown here, all the





CRICETID RODENTS

PECCARY

ZORILLA

OPOSSUM

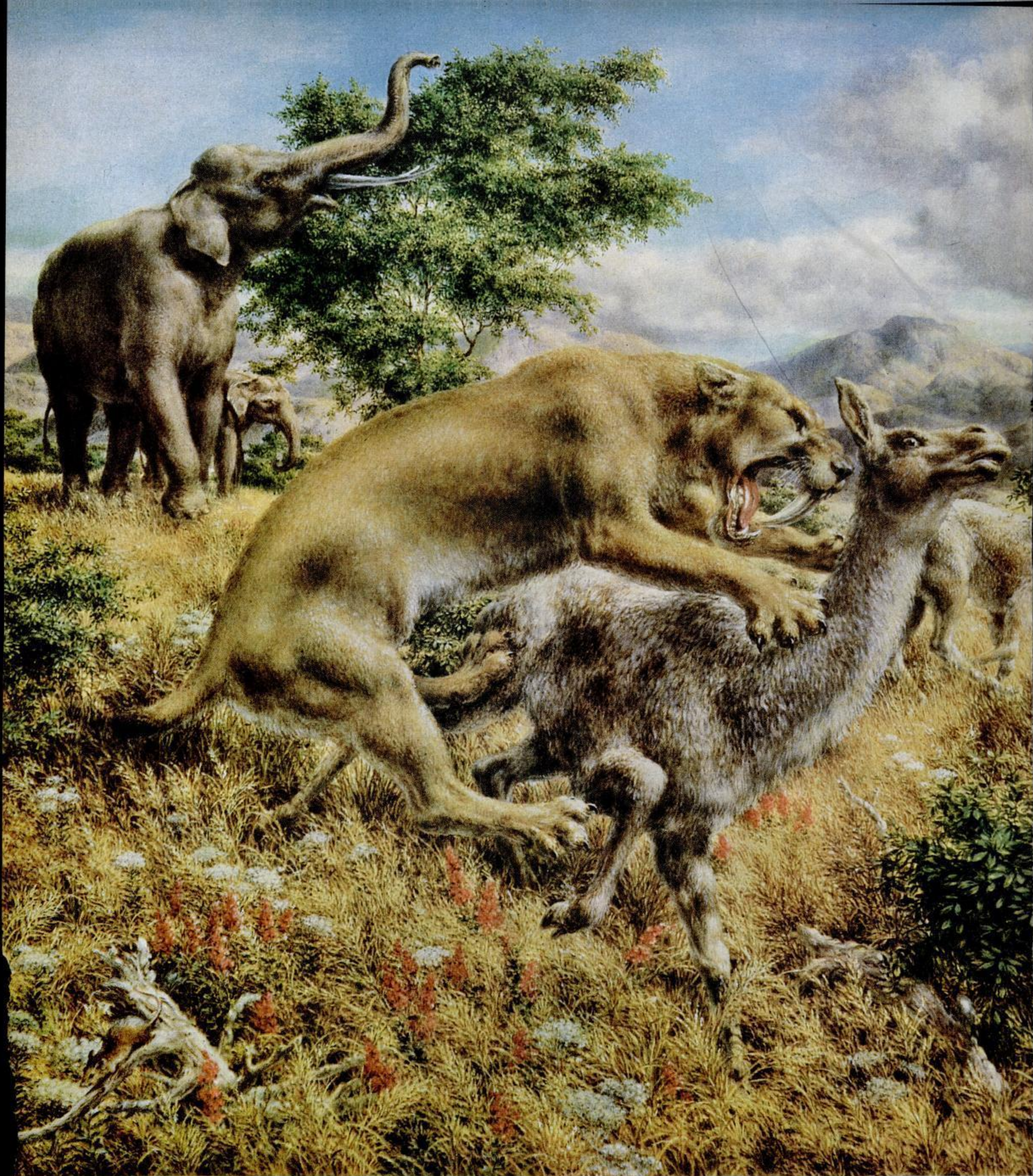
NUTRIA

animals above are extinct. Yet many have recognizable offshoots in the modern world. The large armadillo at the lower left is quite similar to the smaller living armadillos who now range his lost domain. Two of the original South American rodents also exist today in slightly modified form: the nutria, well known for its fur; and the capybara, largest of the modern family, sometimes called a water hog. One of the oldest mammals in the world to have persisted with little change is

that hardy marsupial, the opossum. It spread to North America and now flourishes on both continents, prolific and indestructible, just about the same old possum that first appeared on earth in the twilight of the dinosaurs more than 75 million years ago.

The invaders from the north—the puma, peccary, zorilla, deer and tapir—have also been relatively successful in perpetuating their respective orders. The zorilla, or South American skunk, lives on, secure in





MASTODONT AND YOUNG  
CRICETID RODENTS

SABER-TOOTHED CAT

GUANACO

sands and entombed in time like the bones of Egyptian kings. The painting depicts this valley as it may have looked during the great Pleistocene migration when streams of animals from north and south combined to create a curious convocation of mammals such as never has been seen before or since. All of these are now extinct.

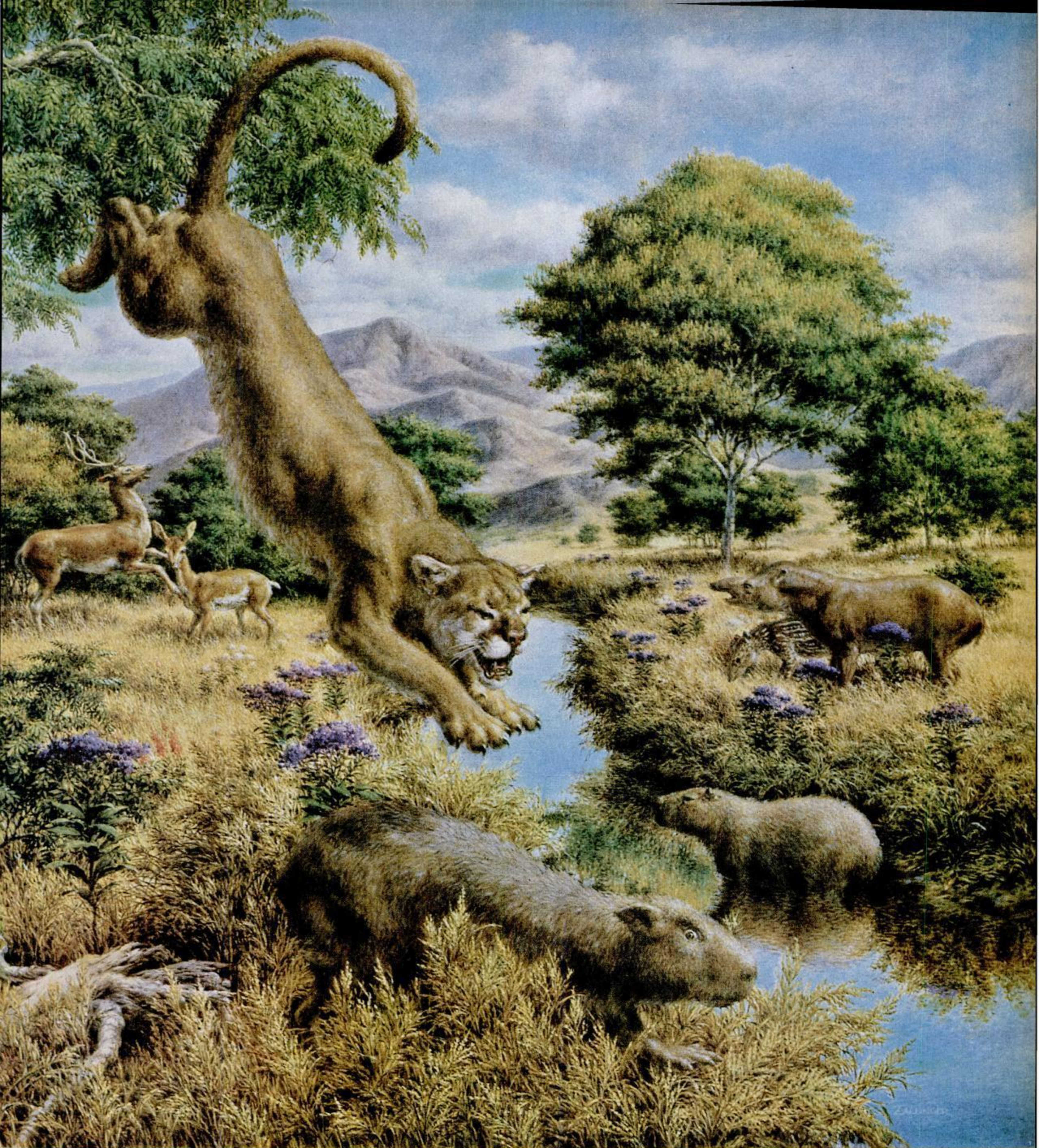
The most drastic effects of the invasion are seen in the activities of the predators like the giant dogs at left, who are harrying a glyptodont,

whose armor plate and retractable head render it virtually invulnerable. In the center of the picture a northern saber-toothed cat successfully attacks a guanaco, a species of llama related to the eastern camel. It is one of the ironies of evolution that descendants of the timid guanaco (which Darwin thought an "elegant animal") still live today on the Patagonian plains while its fearsome foe has perished forever from the earth.

In South America, as everywhere else, the Pleistocene was a time of

Paintings by RUDOLPH F. ZALLINGER





DEER

PUMA

CAPYBARAS

TAPIR AND YOUNG

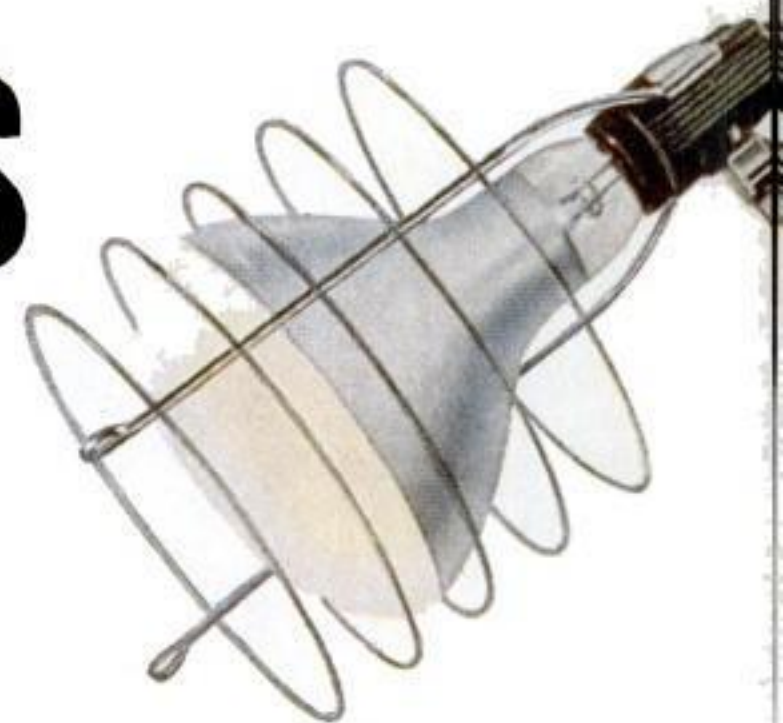
its mastery of chemical warfare. Though Darwin thought the zorilla "an odious animal," he wrote, somewhat respectfully, that "conscious of its power, it roams by day about the open plain and fears neither man nor dog." The ancient peccary, while larger than its present-day descendants, is essentially the same. The tapir also survives but, where it once roamed vast areas of both hemispheres, today it is confined to three curiously dispersed habitats—Central and South America, and Malaya.

In the course of his South American field work, Darwin studied most of the animals shown here, either in fossil form or modern counterpart. Noting certain similarities between the bony relics of the ancient past and the familiar fauna of the present, he observed prophetically, "This wonderful relationship in the same continent between the dead and the living will, I do not doubt, hereafter throw more light on the appearance of organic beings on our earth and their disappearance from it."

FOLD OUT, DO NOT TEAR

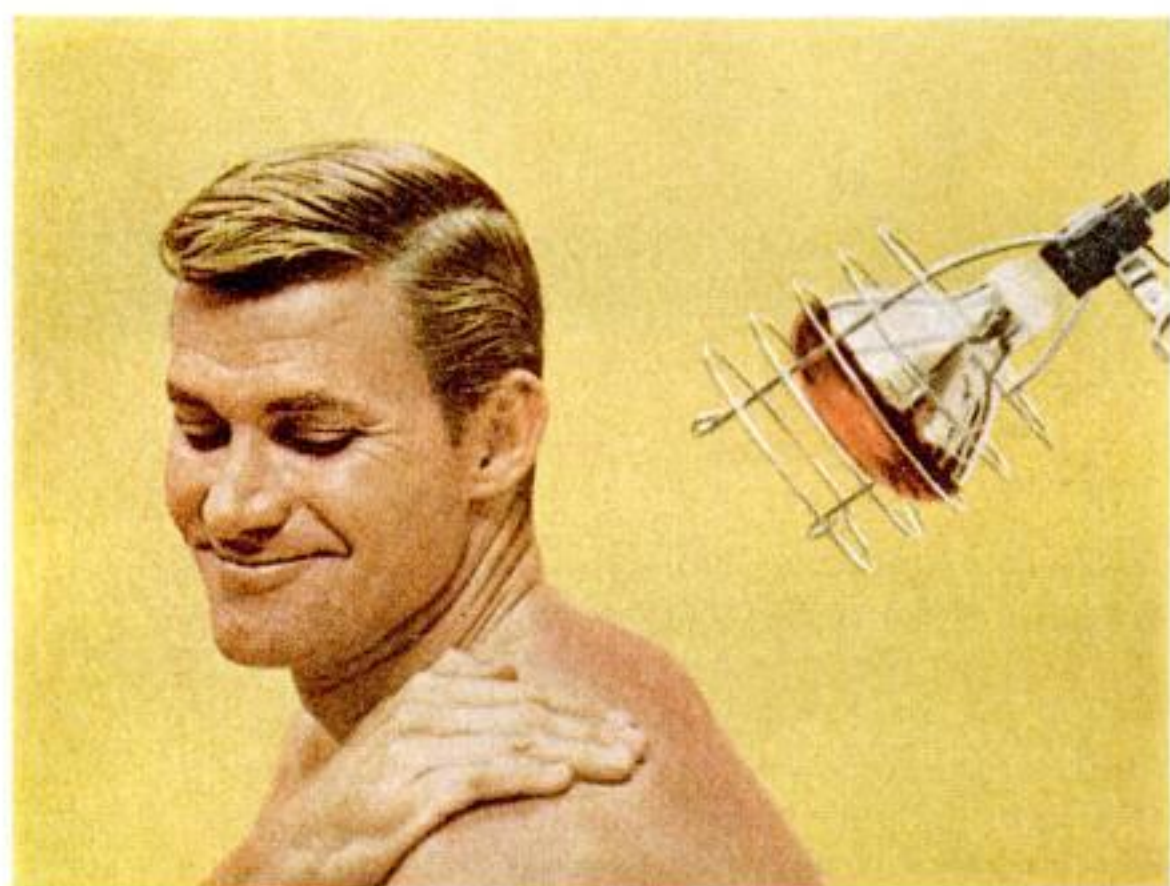


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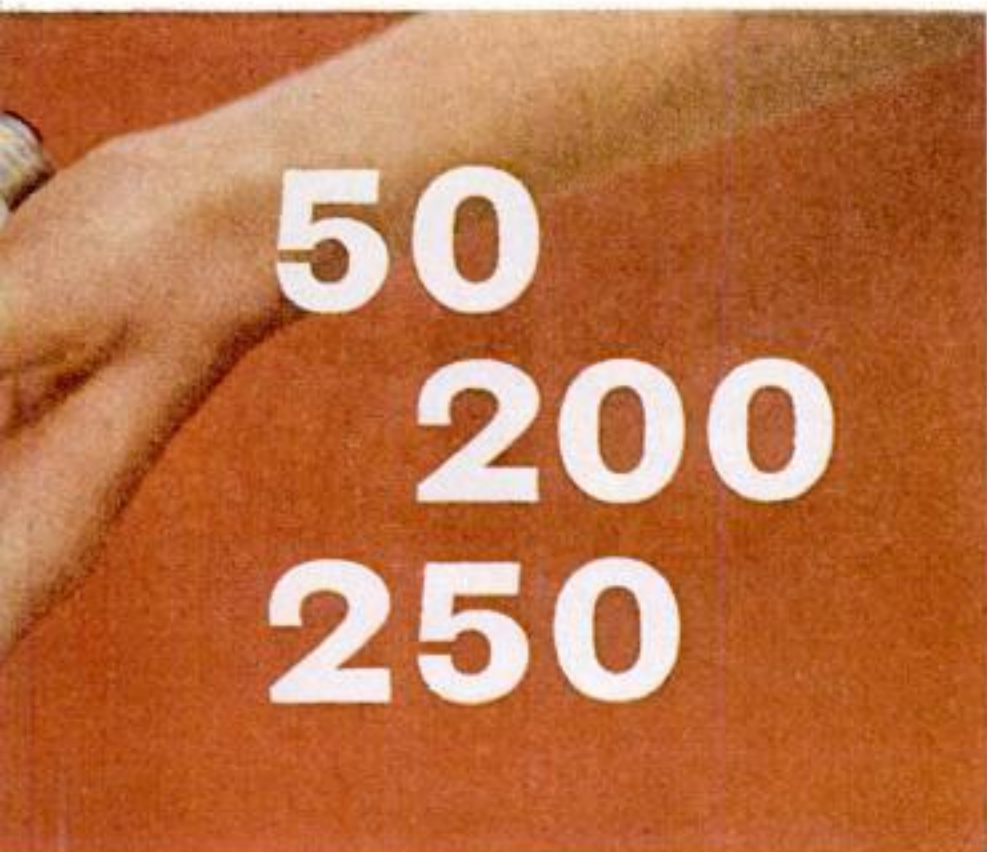
See the difference? Compare General Electric's Deluxe White bulb (left) with an ordinary bulb. There's no hot spot. This all-over soft, white light subtly melts away harsh lines and shadows—thanks to a special diffusing powder on the inside of the bulb. Unlike some white bulbs, G-E Deluxe White lets all the light come through. Get them in handy 4-packs. Try them in bedroom vanity lamps. Put them in bathroom fixtures, reading lamps or for general lighting in your living room. See how soothing they are to your eyes! Many sizes. 100 watts

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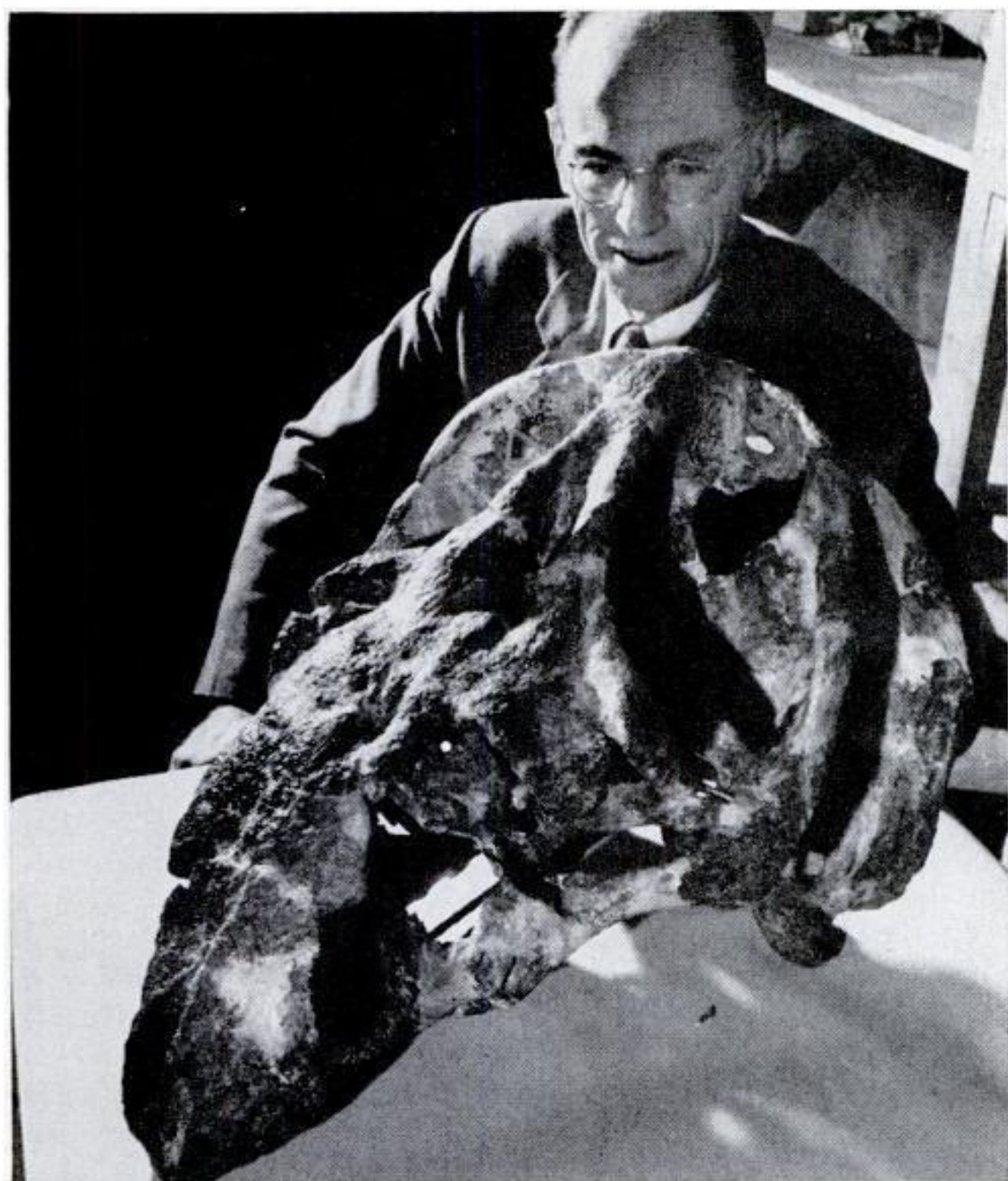
Come see how new driving can be . . . at the wheel of a '59 Olds! Revel in *spaciousness* . . . these are the roomiest Rockets ever! Try the *quiet power* of a smooth, new Rocket Engine . . . the *extra safety* of Air-Scoop Brakes on all four wheels. Relax in the *comfort* of the new "Glide" Ride . . . rakishly styled in Oldsmobile's exciting "Linear Look." Everything about these '59 Oldsmobiles is an invitation to come in . . . get *That Olds Feeling!*



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OLDSMOBILE DIVISION, GENERAL MOTORS CORPORATION





180-MILLION-YEAR-OLD SKULL of a dicynodont, member of reptile line from which mammals evolved, is displayed by Dr. Bryan Patterson.

## A FABULOUS FIND OF FOSSIL RICHES

Following in Darwin's footsteps, an international team of scientists from Harvard University and the Museo Argentino de Ciencias Naturales has discovered one of the richest fossil fields ever revealed to questing man. They came across their great find in April 1958, imbedded in pastel-colored shale in a valley in the western Argentine. Here, in a region familiar to Darwin, Dr. Bryan Patterson (above) and Dr. Alfred S. Romer, both of Harvard, and their associates uncovered an extensive series of fossil deposits of reptiles, fish and amphibians, dating from the Triassic period, 180 million years ago. They returned with a fabulous collection, nearly five tons of bones, which are now being prepared and assembled in the Harvard Museum of Comparative Zoology (below).

Although Darwin had seen and collected specimens of the extinct mammals that roamed South America during the Pleistocene epoch—such as the giant ground sloths, glyptodonts and toxodonts—he had little knowledge of the infinitely more remote forms of life from

CONTINUED



TRIASSIC TREASURE of fossil bones found in South America last April lines a 40-foot wall in the Harvard Museum of Comparative Zoology.

MEN OF AMERICA:

## THE RANCH HANDS

Live-action shots—Saddle Mountains, Wash.



Driving cattle! Desert sun ablaze! Pounding leather, rounding up the strays! Herding steers across the range, you'll find a man...



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Better packed top-tobacco's gonna mean That you're smokin' smoother and you're smokin' clean!

TOP LENGTH, TOP VALUE, TOP-TOBACCO FILTER ACTION

# CHESTERFIELD KING

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Many of the 50 known health values in a fresh orange are found mostly in the "meat" of the fruit. In fact...



*the navel means  
no seeds, easy to peel*

...fresh Sunkist Oranges provide 10 times more of the important bio-flavonoids and protopectins than frozen orange juice.\*

And fresh oranges give your family all of the vitamin C.



Eat whole fresh oranges...drink whole fresh orange juice

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\*True of all finely-strained processed juices.

## ACKNOWLEDGMENTS

LIFE is indebted to the following scientists for assistance in the preparation of this essay: Prof. Alfred S. Romer, Dir., Prof. Bryan Patterson, Arnold D. Lewis and James A. Jensen, Museum of Comparative Zoology, Harvard University; Col. Clifford C. Gregg, Dir., Dr. Rainer Zangerl, William D. Turnbull and Orville L. Gilpin, Chicago Natural History Museum; Dr. S. Dillon Ripley, Dr. Philip S. Humphrey, Yale University.

## DARWIN CONTINUED

which they had evolved. The fossil record of the South American past is by no means complete, even today. But it has been advanced enormously by the recent Harvard-Buenos Aires expedition, for what was found represented the greatest Triassic bed ever uncovered in the history of paleontology. "Although we did not know it," Dr. Patterson reported later, recalling the initial excitement on arriving at his Triassic trove, "we had taken our first look at one of the great fossil fields of the world. Like the ancient mariner and his shipmates, it was our incredible good fortune to be 'the first that ever burst into that silent sea.'"

The Triassic was one of the great eventful periods in the history of life on earth. In the plant kingdom it was the time when the first modern conifers evolved, supplanting the soft-tissued swamp trees and giant ferns of the Paleozoic. More important it witnessed the advent of the first representatives of the great line of dinosaurs which would inherit and rule the earth for the next 100 million years. This chapter of evolution was still incomplete in Darwin's day—for the fabulous fields of dinosaur relics in North America had not yet been exposed—and it is testimony to his genius that in the very infancy of paleontology, 125 years ago, his limited observations of a few fossil remains of South American mammals proved sufficient to convince him of the connection between living and long extinct forms of life.

The vast importance of this new Triassic find derives from the fact that its relics of extinct fish, amphibians and reptiles fill gaps heretofore lacking in the pageant of evolution in America. Among the reptiles whose bones were exhumed from the ancient shale were the distant ancestors not only of the dinosaurs but of such extant forms of life as crocodiles and birds. In the Triassic, too, there evolved certain reptiles which were distinguished from their sluggish kinsmen by superior energy and, perhaps, warm blood—distant ancestors of the great class of mammals. Some of the reptile skeletons uncovered by the recent expedition exhibited definite mammalian characteristics, suggesting that they were transitional forms, precursors of the viviparous, milk-yielding, intelligent animals that ultimately would supplant the dinosaurs as the dominant creatures on earth.

The accession of the mammals to the dinosaurs' domain has never been fully explained, nor has the subsequent great dying of the mammals in the Pleistocene. Darwin considered the latter question and rejected all specific, catastrophic causes. He concluded, as many modern scientists now do, that man's brief span of life blinds him to the long workings of nature, within which rarity is an omen of extinction. "To marvel greatly when a species ceases to exist," he wrote, "appears to me much the same as to admit that sickness is a prelude to death... but when the sick man dies, to wonder and to believe that he died through violence."

## NEXT IN THE SERIES

## The Living Relatives of Fossil Beasts

Darwin's great discoveries came from his comparison of extinct and living creatures. Part V of this series will show the exciting animal life of South America which he saw and which still flourishes today.

- The lurid beauty of carnivorous birds
- The complex society of the howler monkey
- The perilous night life of the jungle



# London Beef Pie

*Quick Main Dish with an English Accent!*



## Dinty Moore **BEEF STEW**

*makes the hearty meat filling!*

Such good things in America's favorite beef stew: big juicy chunks of tender lean beef, tender young carrots, firm white potatoes . . . all in a glistening beef-rich gravy! To make your London Beef Pie extra "showy", heap some of the biggest chunks of beef in the open center.

## Pillsbury **GOLDEN** Pie Crust Mix

*makes the tender, flaky "conversation" crust!*

See how easy the golden dough handles, how tender and flaky the golden crust comes out. (Cheese makes it an even deeper gold; caraway seed gives a hint of the flavor you love in rye bread.) As always, Pillsbury's famous "Chill Blending" of ingredients adds extra tenderness, flakiness.

### *Your Extra Touch*

*cheese and caraway seeds baked right into the "conversation" crust!*

### London Beef Pie

BAKE at 400° for 30-35 min. MAKES one 8-inch Pie.

- Combine ..** 1 cup shredded Cheddar cheese  
½ teaspoon caraway seeds and  
1 package Pillsbury Golden Pie Crust Mix.
- Prepare ..** pastry for two-crust pie as directed on package, using cheese-pie crust mixture. Fit bottom crust loosely into 8-inch piepan.
- Pour .....** 1 can (1½ lbs.) Dinty Moore Beef Stew into pastry-lined piepan.
- Roll Out ..** and place top crust as directed on package, cutting a St. George cross (as pictured) for escape of steam.
- Bake .....** in hot oven (400°) 30 to 35 minutes until golden brown. Pie may cool slightly before serving at the table.



**SAVE 8¢ on**  
**Dinty Moore BEEF STEW**  
*with coupon in Pillsbury Package*





Good luck...Good lick!



The candy with the hole

...still only 5¢



## CLOSE-UP

# Bright Days for a 'Bum'

**S**HOW me a hero and I'll show you a bum." The author of this scornful sentiment is retired Marine Colonel Gregory L. Boyington, 46, a full-fledged World War II hero who for years was also a full-fledged bum, though "a lovable one." He proves both in his autobiography, *Baa Baa Black Sheep* (Putnam).

Idaho-born "Pappy" Boyington was a heavy drinking, skillful flier who quit the Marines to serve with the Flying Tigers. Later he rejoined the Marines and led a group of presumed misfits called the Black Sheep Squadron into astonishing aeronautical exploits. He returned to the U.S. after the war with the Medal of Honor and the nation's adulation. The latter was dissipated in a series of astonishing alcoholic exploits which landed him repeatedly in jail. Sadly, America just about wrote Pappy off.

Pappy, however, was not ready to be written off. "By 1955," he remembers, "I abhorred jail and was tired of blacking out, of getting driven home by friends, of seeing my face in the tabloids." With the tireless help of his second wife Fran he stopped drinking and "gradually joined up with society." He started flying again, started to write and got a steady job in California. What he wrote has sold 65,000 copies to date and a recent sale of *Black Sheep* to Columbia Pictures can earn him as much as \$250,000. "Now I think I owe the world a few drives home," says Pappy gratefully.



A MARINE buddy photographed Pappy (above, in derby) on wartime spree. Below, he and wife Fran visit his cadet son Greg Jr. at Air Force Academy.

"The most gratifying part of the whole mess is the feeling that I've got my son back. Sure, I secretly felt shame about the effect my shady exploits were having on him. I

always tried to cover up by telling myself I saw to it he had food and shelter, but that's a small part of being a father. I wondered what his reaction to my book would be and I was afraid it might be harmful. But boy, it was a great feeling when he read it and talked as though he really understood the old man for the first time in his life."



CONTINUED

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lobri



I could shoot myself  
all she wants from me  
is seamless stockings

by *Stanes*

don't give up, boy, just give! the price is right.

## BOYINGTON CONTINUED



FRAN BOYINGTON rummages in her bureau and pulls out Pappy's Medal of Honor as he watches from outdoors and their basset Lord Alvin barks at the strange object.

"I dislike professional medal winners—guys who use it to punch real estate in Florida. The saddest kind of guy is the one who trades on past glories and has nothing to live for. When they gave the medal to me they didn't tell me to keep it under my pillow, and when a fellow asked me on TV where it was I said, 'In the garage.' Well, an admiral came on the next day to give me the devil. And a nice old lady wrote and offered to keep it for me."





Built for the solid citizen (who has a gleam in his eye) the powerful new cars of The *Forward Look* have the guts, grace and get-up-and-go to make you feel younger whenever you slip behind the wheel. Men who know engineering know—You get the good things first from Chrysler Corporation!

## Cars that can do *what they look like they can do*



Built for the 1 man in 4 who wants a little bit more.  
The quality Cars of The *Forward Look*  
from Chrysler Corporation . . . A drive will bring  
out the difference great engineering makes.

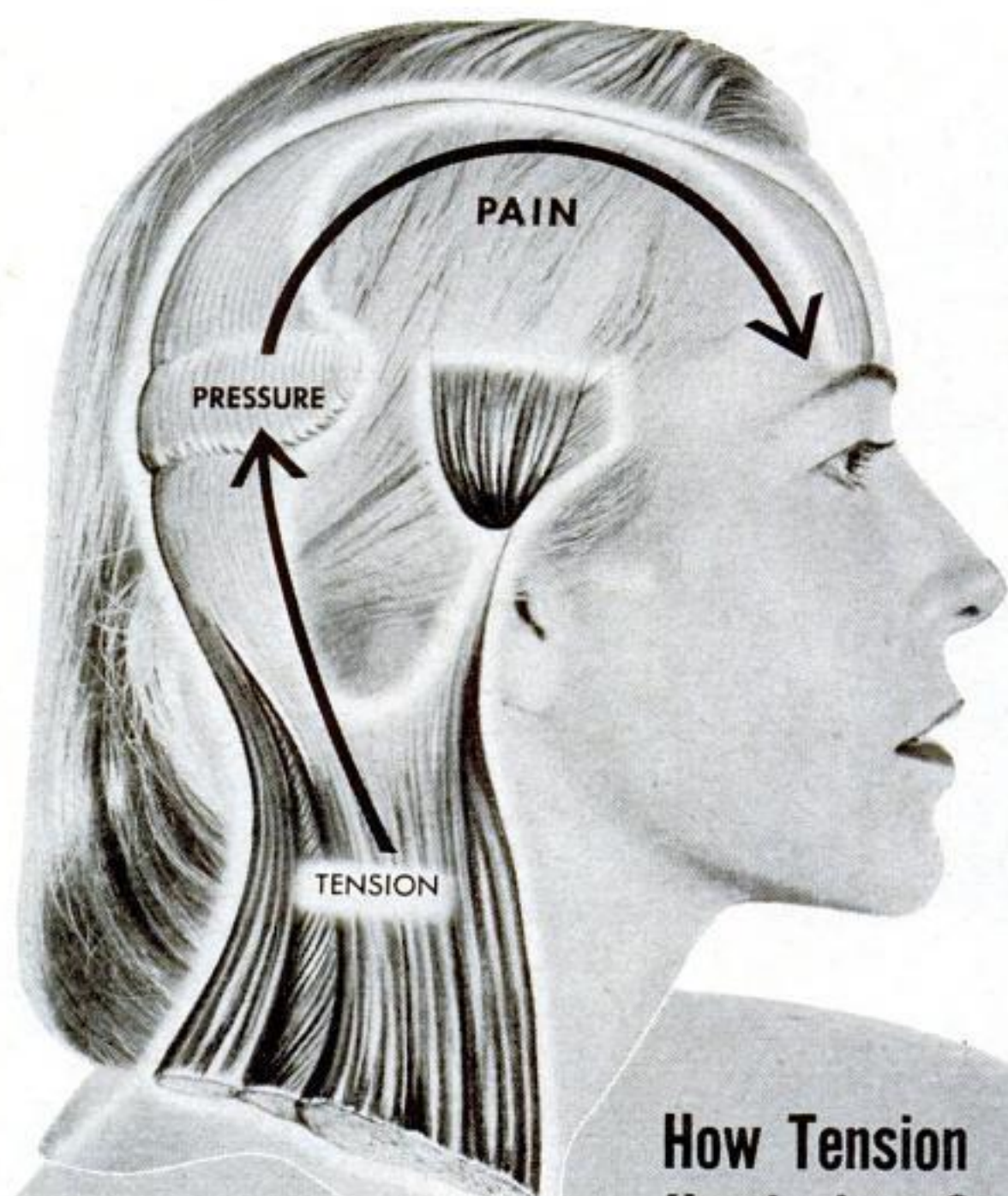
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# How you can break up the VICIOUS CYCLE of NERVOUS TENSION HEADACHES

Better than aspirin even with buffering added



## How Tension Headaches Start

90% of all headaches are caused by tension that comes from a source you'd never suspect — the muscles of back of neck and scalp. This tension causes pressure on nerves and tiny blood vessels and results in pain. In turn, the pain builds up more tension, more pressure and makes your headache worse. That's why you should try the special medication in Anacin (not found in aspirin or even in aspirin with buffering) to give fast and more complete pain relief and break up the vicious tension headache cycle.

## ANACIN® • Relaxes Tension • Releases Pressure • Relieves Pain Fast

Tension headaches need the special medication in Anacin for more complete pain-relief. So why limit yourself to aspirin or buffered aspirin which contain *only one* pain reliever when you can benefit by the *extra* medication in Anacin? Anacin contains *not* just one but a *combination* of medically proven ingredients which 3 out of 4 doctors recommend for headache pain. And here's why Anacin gives a 'better total effect' in relieving pain of tension headache, neuritis and neuralgia...

The special medication in Anacin — which you *do not get* in aspirin or buffered aspirin — relaxes the tension, releases the pressure and promptly relieves your headache. Anacin stops the vicious pain cycle fast. Anacin Tablets are safer, too. They do not upset your stomach. Buy Anacin today.

3 out of 4 doctors  
recommend  
the ingredients in



## BOYINGTON CONTINUED



AT PARTY for Flying Tiger mates, Fran gives nondrinking Pappy a kiss as he stands at their bar mixing drinks.

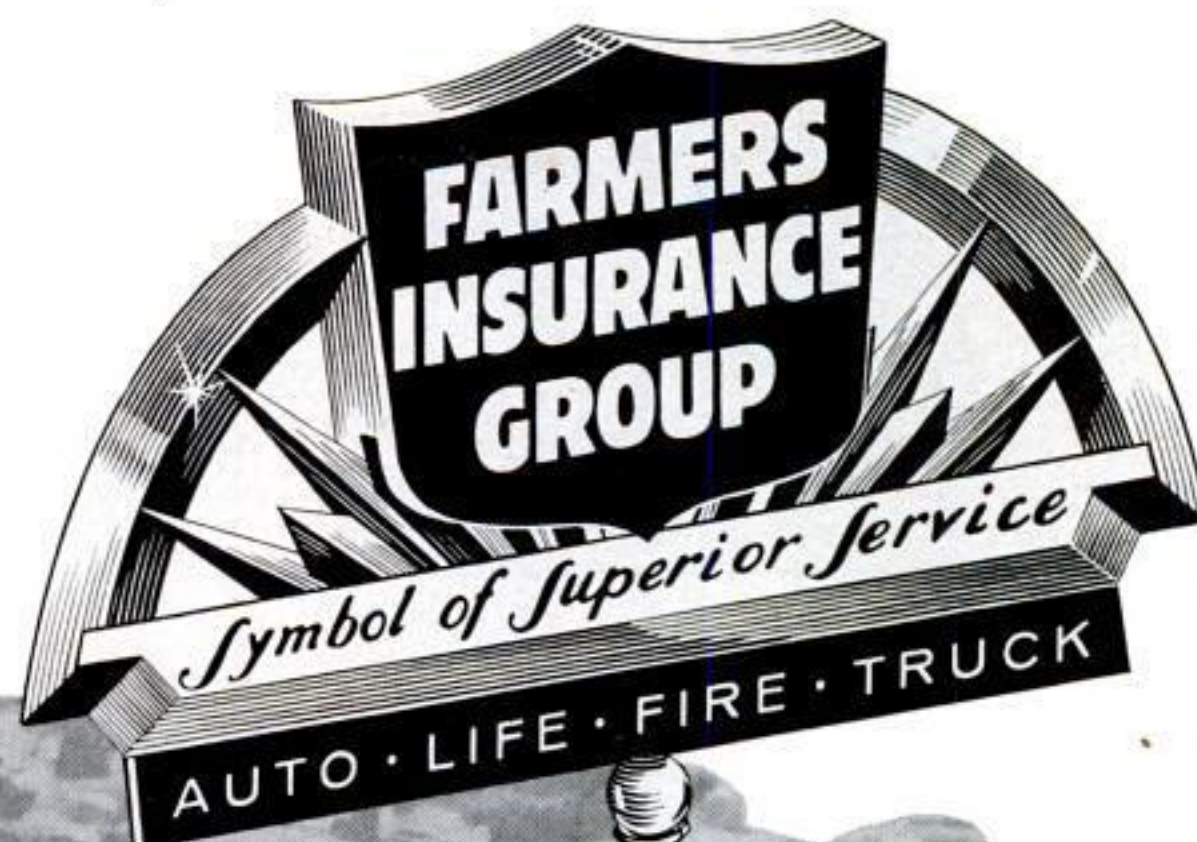
*"I'm an informed not a reformed drunk. There's nothing wrong with drinking unless you're an alcoholic. For me—my mind and body can't handle it, though I can still pour a damn good drink for other people."*



AT ONE of his many post-rejuvenation public appearances Boyington talks to a Santa Barbara club about bravery.

*"To be brave you have to be afraid or it means nothing. I wasn't afraid because I knew what my airplane could do. But the guy who doesn't know—and is scared to death from beginning to end—he's the hero, not me."*





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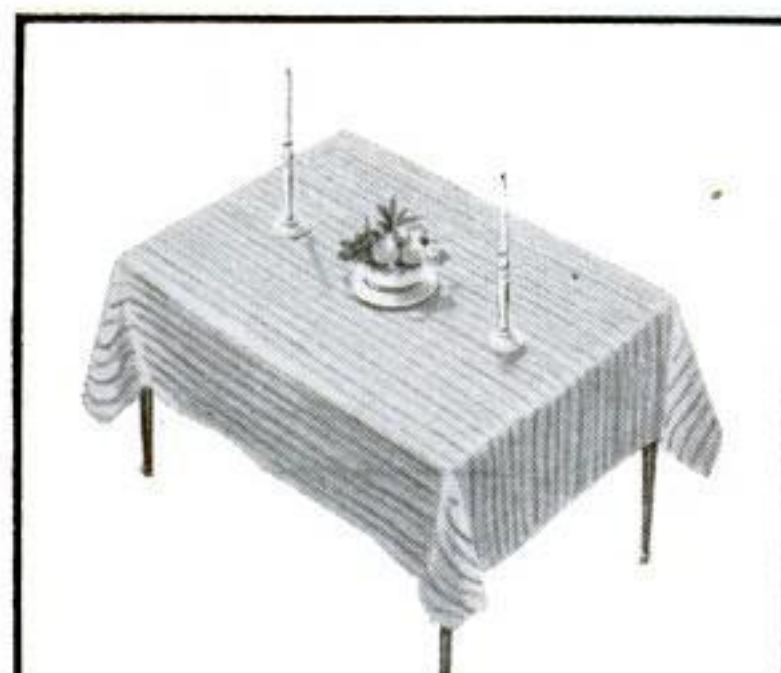
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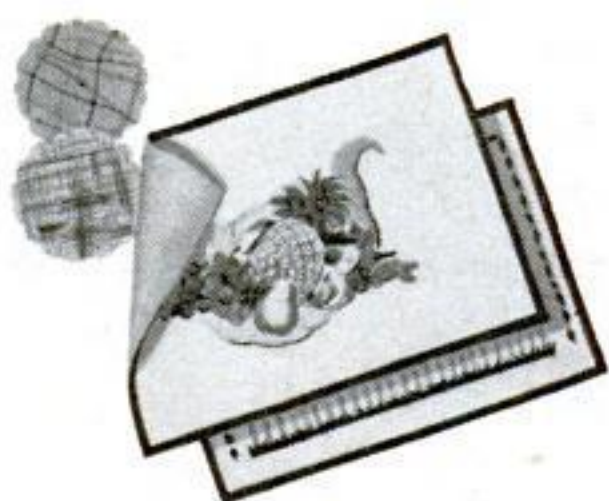
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Only CURON\* gives you so many exclusive advantages in so many different products. CURON is the versatile new light-weight, non-skid material developed by Curtiss-Wright, that cushions, resists heat, washes easily, dries quickly, and gives added luxury to household products.

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CURON label. Buy CURON-ized products to lighten your work, make life easier, and enhance your home.

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Curon Division, Curtiss-Wright Corporation, 50 Rockefeller Plaza, New York 20, N. Y.

BOYINGTON CONTINUED

## Mrs. B. recalls life with Pappy

*In Burbank, Calif., where the Boyingtons live, a joyful Fran Boyington talked freely to LIFE's Peter Bunzel about 10 difficult years with Pappy. Here are some of her recollections:*

**His iron nerves:** He has a calmness of nerve and manner even he doesn't realize. Once when we were driving through the desert at 80 miles an hour on a two-lane highway filled with trucks, the front tire blew and he rode it out. The average man would have panicked, got us killed. That was what got him through the war and maybe through everything else too.

**Killing:** He hates killing anything. Once I found a great grasshopper in our backyard eating away on our baby banana tree and I asked him to kill it. But he said, "Let it live, it's so beautiful." Next morning there were no leaves left on the banana tree and I could have cried.

**Drinking:** When I married him, I'd heard about binges he went on but I never thought it was anything more serious than that. Later he became simply impossible. No one could have stayed with him in that condition. I got him an apartment of his own. Once I went there and found he'd been bingeing and there was fried egg all over the rug. There didn't seem to be anything to do except wait for him to want to be helped. But I cleaned up the rug.

**Cure:** At last he came to recognize he was sick and called up to ask me if I knew who might help. I said no but I'd sure find out. I did, and from then on he hasn't touched a drop. Not for three years. For a while he craved sugar something terrible. He stood out in the kitchen and cooked fudge. Sometimes he still brings home boxes of candy and not just for my birthday.

**Marriage:** The first year he wasn't drinking it didn't seem worth it to me. When we first got married I loved him so much I thought if only he stopped drinking everything would be all right. But without liquor he was worse than ever; he was mean and cruel and threw things. But the second year was better and this last has been best of all. Now his periods of exhilaration and depression are spaced further and further apart and we both think we're out from under. Heaven only knows about tomorrow, but today is wonderful!

FRAN, GREG, LORD ALVIN PLAY IN BOYINGTONS' BURBANK POOL







# Liquid Pearl

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*It's the new double-action cleanser that cleans and moisturizes to the depths of your skin. It smooths away the day's gathering of make-up, oil and dirt as it moisturizes deep-down . . . leaving your face flawlessly clean and fresh, never dry or dull. Just \$1,<sup>plus</sup><sub>tax.</sub> TREAT YOURSELF TO BEAUTY...TUSSY*





**New Family Size!** Chunk light in the green and white can. Chunk white in the red and white can.

**The solid pack light tuna** in the blue and white can.



# New Star-Kist labels!

## Look for the fisherman with the earring

*to be sure of the tuna with  
Captain's Table Quality*

Now it's easy to spot this prime tuna that's so good you can even serve it like meat. Just keep your eyes open for these bright new cans featuring the rugged fisherman with the earring.

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The real good **meat** from the sea



Chunk style white tuna in the red and white can.



Chunk style light tuna in the green and white can.



Solid pack white tuna in the gold and white can.



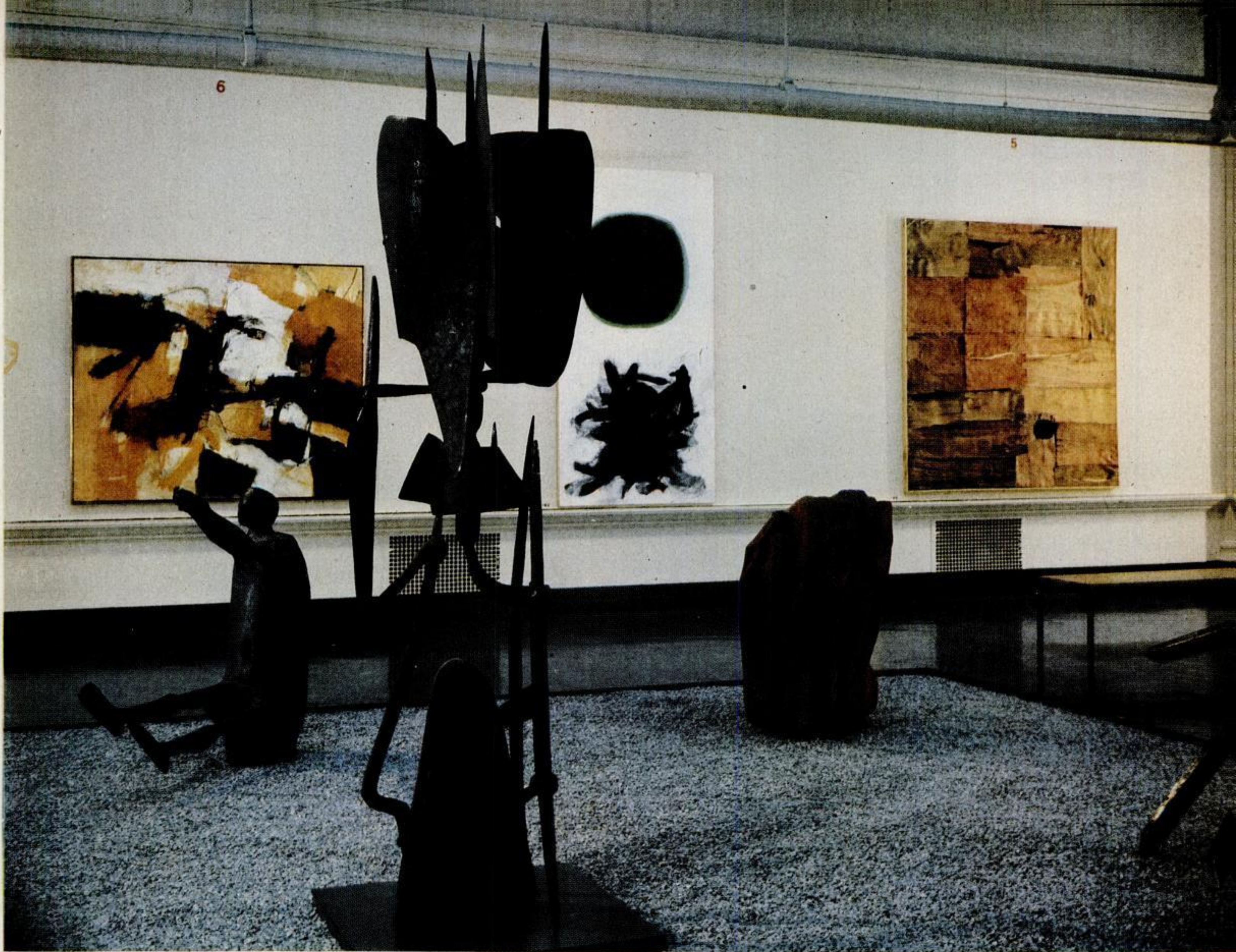
# Budweiser®

*Where there's Life...there's Bud®*

NEXT TIME you're drinking beer, look at the label. Does it list the ingredients? The Budweiser label does.







**GALLERY GALAXY** displays (on wall from left): second prize *Flowering Villa* by Italy's Afro; *Blast II* by America's Adolph Gottlieb; third prize wood-strip

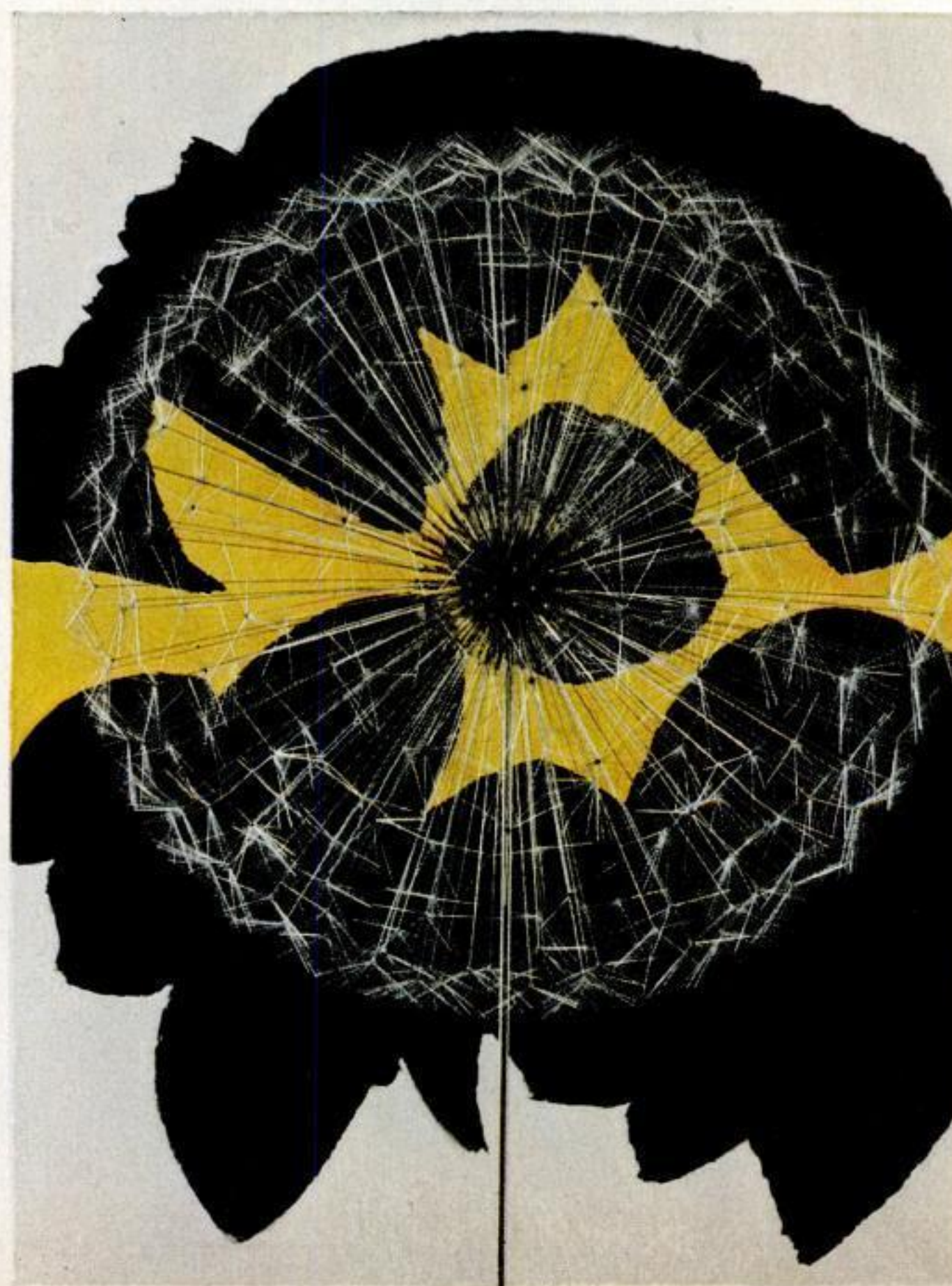
abstraction by Italy's Alberto Burri. Sculpture includes work by (from left) Britain's K. Armitage, Switzerland's R. Müller and France's Etienne-Martin.

# Modern Coup at the Carnegie

In the sober city of Pittsburgh one of the most impressive and provocative displays of modern art ever held in the U.S. is currently on view. The 367 paintings and 127 sculptures corralled from all over the world were unveiled last month at a gala celebration in the marble-columned Carnegie Institute. More than 75% of the Carnegie works are abstract and some are downright revolutionary—at least in materials. There are sculptures made of glass and barbed wire and paintings created from cement, newspaper, wood strips and tin foil.

All this is a far cry from the early days of the Carnegie when Renoir was twice rejected from shows and Cézanne and Modigliani were too bizarre to be invited. Today, keeping up with the world's trend, the Carnegie has made the full swing into modern art. And Pittsburghers, who have been busy giving their own city a modern look (*LIFE*, May 14, 1956), are apparently taking to the modern look of art. They have bought some 65 works for themselves and 30 more for the Institute.

**METAL DANDELION** by Pennsylvanian Harry Bertoia becomes abstract pattern against nonobjective painting by New Yorker Jack Youngerman.



CONTINUED



## COUP AT CARNEGIE

CONTINUED

**BANQUET** celebrating the opening of art exhibition was held in grandiose hall of Carnegie Institute, hung with paintings from the Institute collection. Some 400 guests from all over the U.S. and Europe were served in the 17th Century-style hall before proceeding to the 20th Century exhibition.

CONTINUED







Hydroplane racing proves that engines do their *best* with Champion spark plugs. The last 13 Gold Cup winners have been powered by Champions.

Q. Why do 9 out of 10 powerboat winners use Champion spark plugs?

A. These experts know spark plugs can win or lose a race. And Champions deliver the full-firing spark they need to win. For performance like this in your car, insist on Champions.



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If students and  
teachers could vote  
for school furniture  
*(as some of you do),*  
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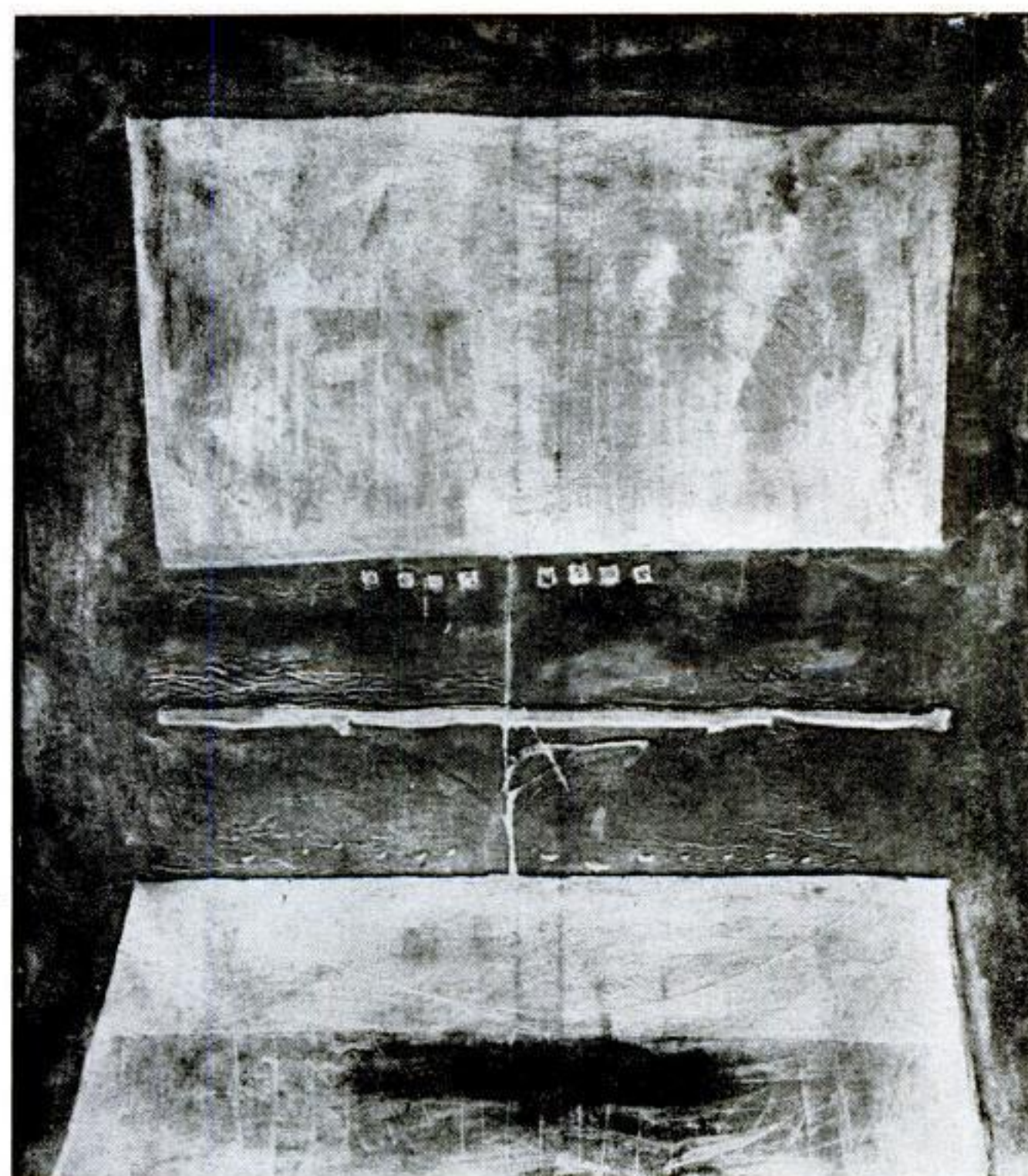
American Seating products are installed in such famous places as the Metropolitan Opera House, Radio City Music Hall, U.S. House of Representatives, most civic auditoriums, in all major league ball parks, in buses, and in thousands of schools, churches, and theatres.

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The standard by which all other public seating is measured

## COUP AT CARNEGIE CONTINUED

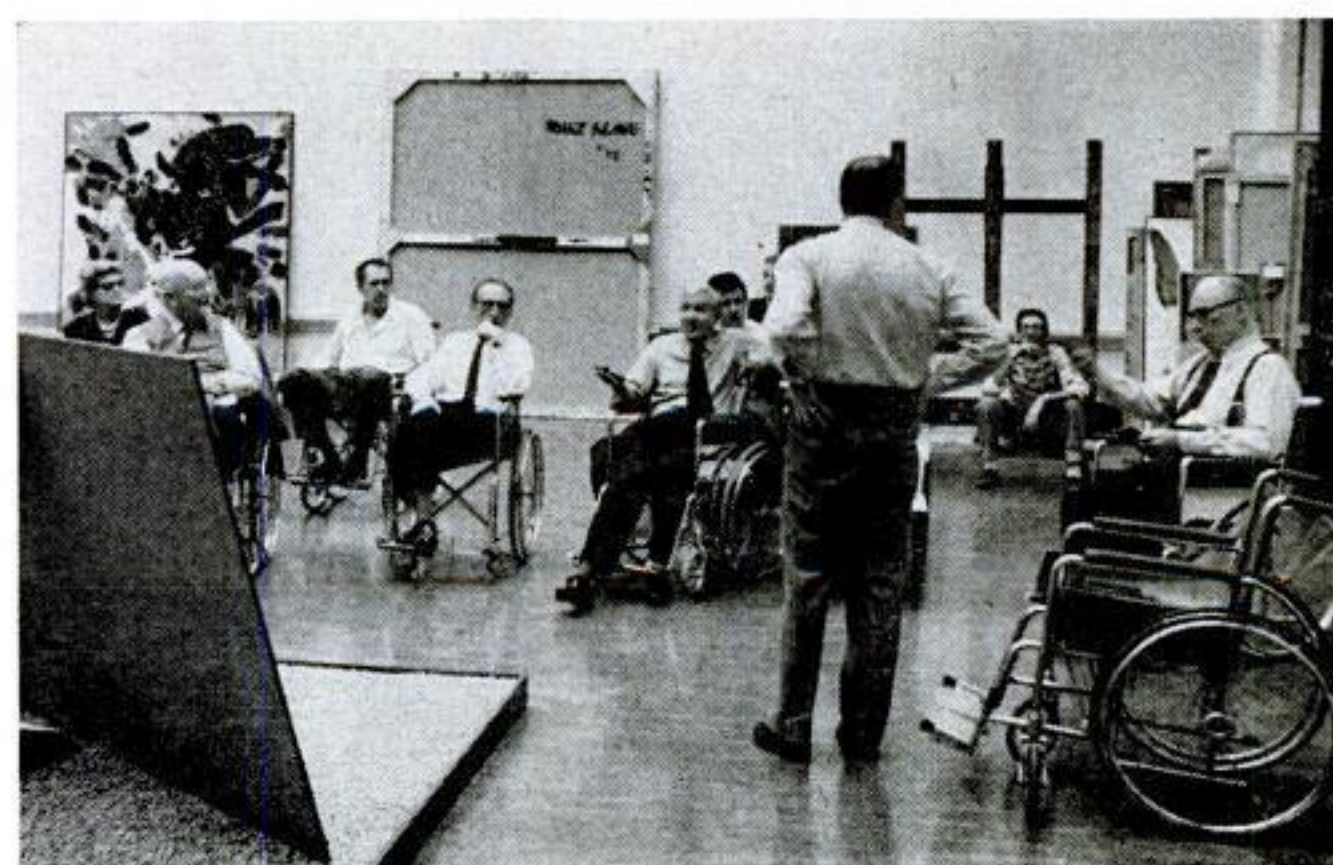


**FIRST PRIZE** of \$3,000 went to a painting by Spaniard Tàpies, 35. To a juror it was "filled with color." To a critic it was "drab . . . mudpie style."

## FUROR OVER JURORS

Even in its earlier years when the Carnegie exhibition was largely conservative, there were always a few paintings whose modern style raised a ruckus. This year, with the whole show gone modern, the ruckus has revolved around the prize-picking jury. They have been criticized—cautiously by the public, caustically by the critics—for choosing works of bizarre materials and scant coloring. Most of the fuss has focused on Antonio Tàpies' gray study made of a cementlike material (*above*), which was awarded first prize, and Alberto Burri's brown study made of strips of wood (*p. 77*), which won third prize. These "paintings" have been labeled everything from "faulty asphalt" and "poor cabinetmaking" to just plain "ridiculous."

Throughout the furor the Carnegie jurors have remained unruffled and united, praising the "colorfulness" and "mystery" of the Tàpies, the "poetic, tactile appeal" of the Burri. But all the same, says French juror Raoul Ubac, "a jury's choices should not be taken too seriously." Italian juror Lionello Venturi adds ruefully, "If prizes must be given, then one man cannot pick them—he will be killed immediately."



**FREEWHEELING JURORS** debate pros and cons of a painting from wheelchairs which they used to tour show. Jury members are (*in chairs, from left*): Sculptor Mary Callery, Critic Lionello Venturi, Actor Vincent Price, Painter Marcel Duchamp, Painter Raoul Ubac, Museum Director James J. Sweeney.



## FASHION

**FOR AFTERNOON** use Adolfo designed a peaked hat in yellow straw covered with lilies of the valley (\$65). Diamond earrings are by David Webb.



**FOR STREET** cone is made of black polka dots on white (\$60). Its high shape balances the wide shoulders and the short skirts of the new styles.

**FOR EVENING** cone is done in black silk chiffon with chiffon veil swathed around the neck. The rhinestone pin comes with the hat, which costs \$75.



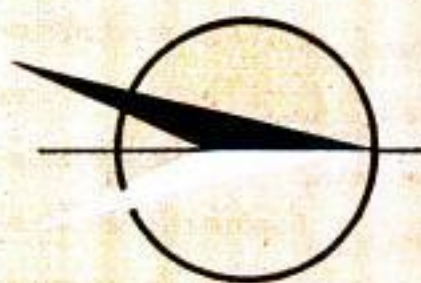
## The High Shape of Hats to Come

The old spring hat standbys, such as the pillbox, sailor and beret, have been joined by a shape that is new among today's fashions but is strongly reminiscent of a style that was big in the Renaissance—the page boy's cap. The high cone-shaped hat is being shown in all the custom milliners' spring collections (the three versions shown here are by Adolfo of Emme) and copies will soon turn up in inexpensive hat bars.

High-style ladies after a clear-browed effect will wear these cones with hair slicked back from their foreheads. But they can also be perched becomingly on top of a tousled hairdo. The shape is simple enough so that in different fabrics it can be worn with everything from a suit to an evening dress.



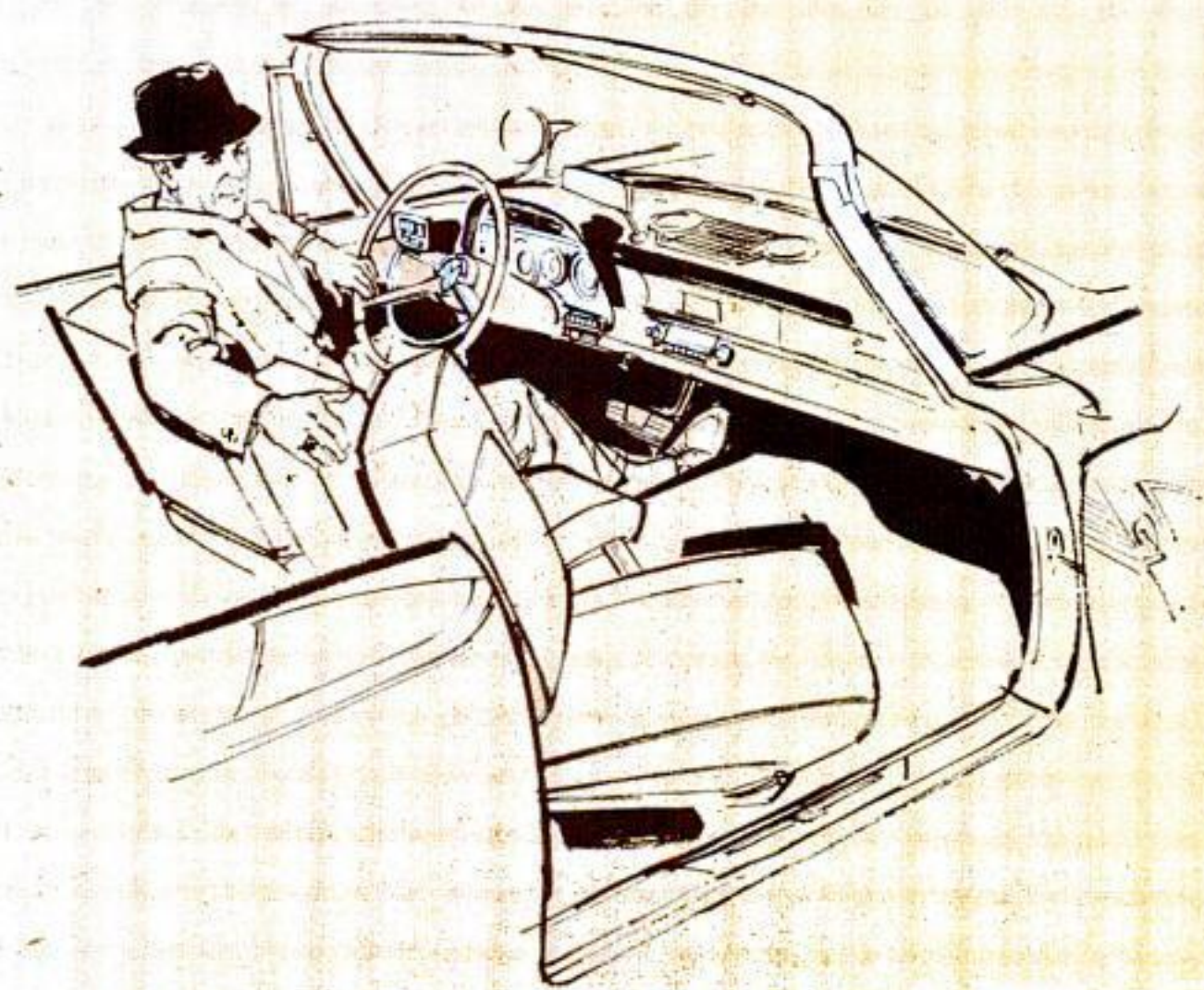
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The Greatest of Everything New!



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This Dodge car was built for the man who looks and thinks ahead.

You swing into it, easily and naturally, on new swivel seats.

At your left is the driving control panel. A touch of the "D" push button, and you cruise away: Smoothly, powerfully, silently.

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And with the same effortless touch, you tune in your push-button radio or adjust the outside mirror from inside the car.

But more important, your '59 Dodge is "in tune" with tomorrow in every area: The way it looks (much-copied Swept-Wing styling), the way it rides (*nothing* matches Torsion-Aire), the way it performs (greatness is engineered in).

It's your kind of car. Drive one this week and find out.

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weather's left below. Larger window area provides better view. The roomy cabin offers a chance to stretch. Lighting is new, and air-conditioning is totally effective, on the ground as well as in flight. Deluxe Mercury and famous Royal Coachman services are provided in separate cabin sections on every flight.

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a pride in serving you. American's crews are people of devotion, making your wishes the command of the moment. On the ground and in the air, your comfort and security are our greatest concern. Join us on a Boeing 707 Jet Flagship. It's the most thoroughly-tested airplane ever to enter airline service. Plan now for your most enjoyable flying experience, travel on American in this new age of flight. See your Travel Agent or call your local American Airlines office.

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# **AMERICAN AIRLINES**

*The Jet Airline*





Luxurious Directoire negligee—its tiny bodice flowing into a court train strewn with roses. Specially designed by Ferreras to match luxurious Soft-Weve, the bathroom tissue with the new "See-through" wrap specially designed to *show* you the exquisite "negligee" colors. "Facial quality" for double softness—2-ply for double strength—Soft-Weve gives you everything!

The most noticed little luxury in your home

**Soft-Weve**<sup>®</sup>

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NEW! "See-through" wrap



# THE RETURN OF LISA ROSE

Stolen baby is found,  
a nine-day agony ends

The baby's very first burping at home had just been accomplished, and Mrs. Frances Chionchio of Brooklyn, with that joyous and prideful feeling any new mother knows, could not bring herself to put her daughter back to bed. She held tiny Lisa Rose a while longer, moved by a special, overwhelming gratitude that only a few mothers, fortunately, ever need to know. Less than three hours after she was born, Lisa Rose had been kidnaped from the hospital. It seemed nothing less than a miracle when, nine awful days later, she was found alive and well.

It was a telephone tip—the 313th call police had received at a special number set up for this one case—that led detectives to a shabbily furnished room only a mile from the hospital. There, with the baby, they found a twice-married widow who had borne eight children of her own. Of these, one had died, one was in jail, the others had been taken from her and placed in foster homes. The woman insisted that the new baby was hers, that she had given birth to it unattended. But blood tests, footprints (matching those taken immediately after birth) and a small mark on one eyelid that Frank Chionchio had noted quickly persuaded police that the infant was Lisa Rose. Frances Chionchio needed no such proof. "I recognized her right away," she said. "She looked like the most beautiful baby in the whole world."



**ACCUSED KIDNAPER,** Mrs. Jean Iavarone, 43, shields her face as she leaves Brooklyn courtroom.



**AFTER FIRST FEEDING,** Mrs. Chionchio holds Lisa Rose, now two weeks old. Accused abductor

ignored widely published formula, made up her own and baby gained an ounce over her birth weight.





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paneling without using screws or nails, or for installing plastic counter tops. Bottles and cans from 29¢. Also, keep Weldwood Presto-Set Glue on hand for most household gluing needs.

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KIDNAPING CONTINUED



**ECSTATIC PARENTS**, Frances and Frank Chionchio face newsmen at St. Peter's Hospital after seeing baby. Lisa Rose stayed four days for observation.



**BABY'S \$350 LAYETTE**, donated by a Brooklyn department store, is inspected by Mrs. Chionchio on her way to the hospital to take Lisa Rose home.

CONTINUED



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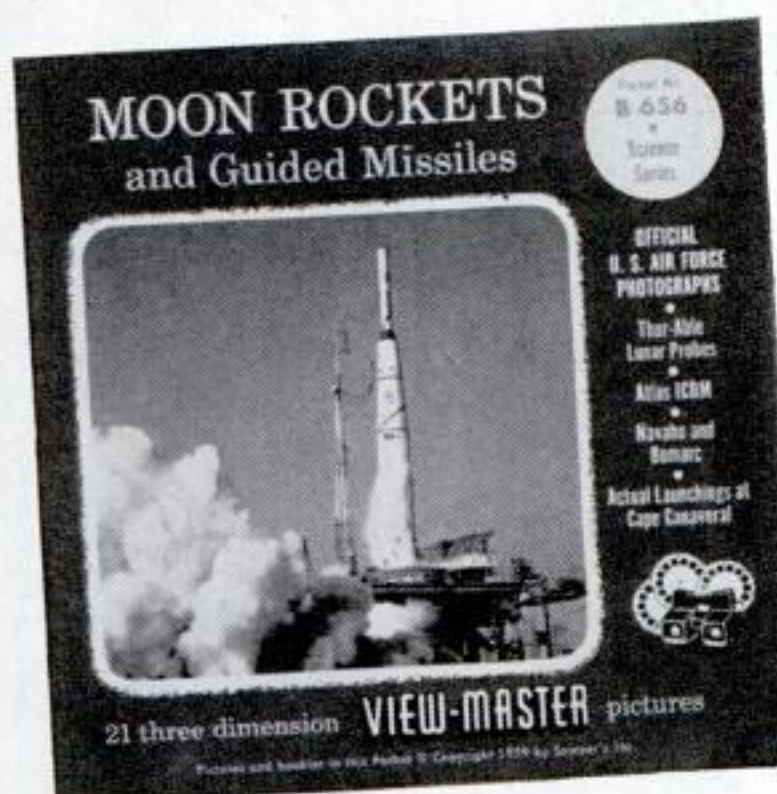
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A wonderful gift for youngsters — ruggedly constructed and easy to operate. Projects View-Master pictures up to 22" wide. Red and Ivory colors. **\$7.95**



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Just press the convenient "light bar" — and pictures appear in 3-dimension... bigger and brighter than ever! Superbly designed in sturdy plastic... uses batteries or transformer. **\$3.95**

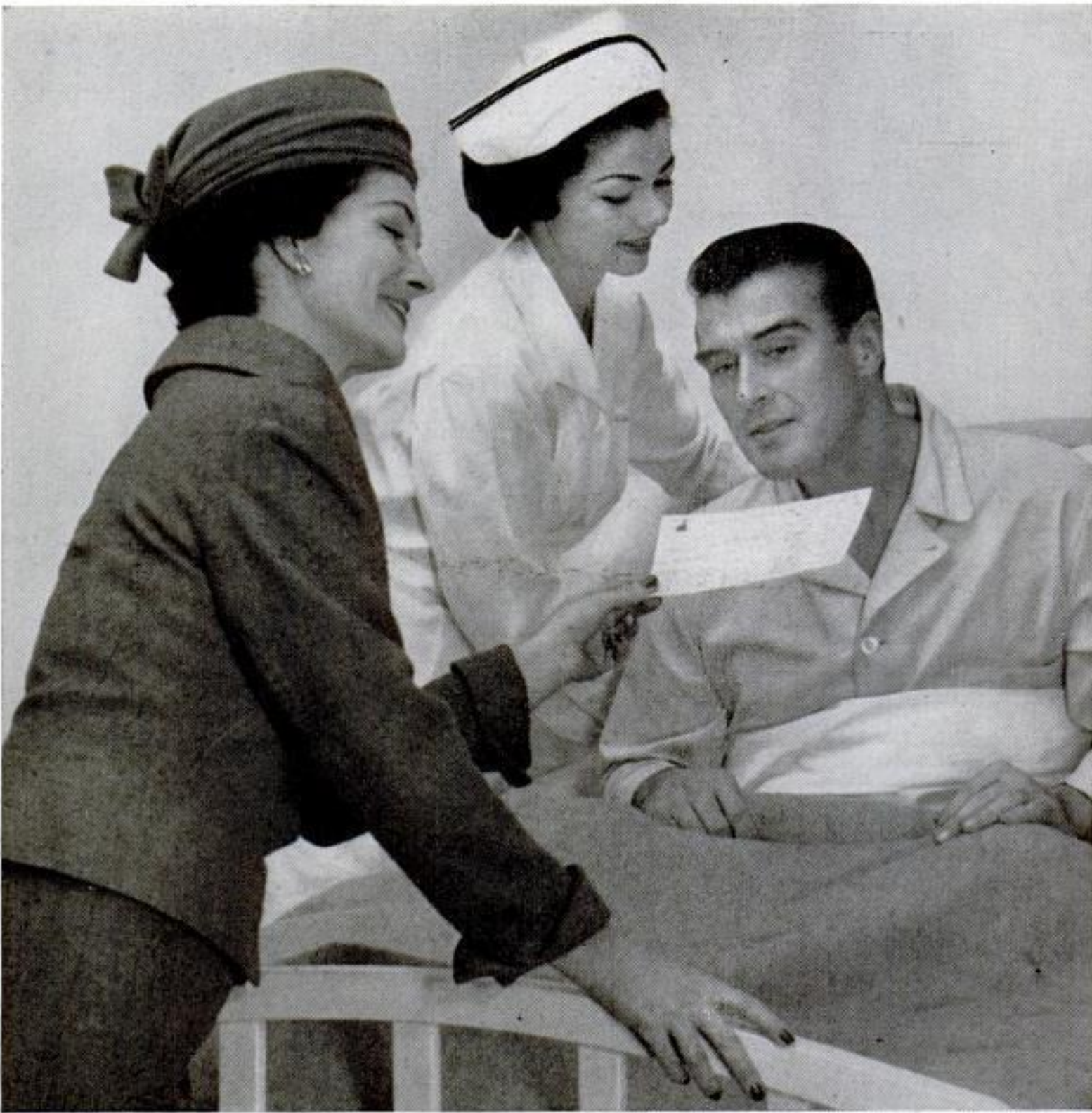
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(Based on Company File 97H20454)

Like most people who have always been healthy and active, I couldn't imagine a time when I would ever really need sickness and accident insurance.

I was nearly 34 before my viewpoint changed and I took out a disability income policy with the Hartford. *This protection, I said to myself, is easily worth its cost if it does nothing more than give me a little extra peace of mind.*

When I was 40 I came down with a mysterious illness that completely baffled my doctor. He had me in and out of the hospital for tests more times than I can remember. I felt so bad I couldn't work, so my earnings stopped.

My situation was grim — except for one thing: while I was disabled the Hartford Accident and Indemnity Company paid me \$50 every week. For two solid years checks came just like clockwork, without any fuss or bother.

No one knows better than I do how much those payments helped. My Hartford protection not only repaid my investment in it many times over, but it has given me more satisfaction than anything else I own.

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Can you count on having a steady income during a long sickness? Or during months spent recovering from a serious accident?

You can—if you carry Hartford Accident and Sickness Insurance.

From the day you buy it you'll have the peace of mind that goes with being Hartford-protected! For nearly a century and a half of doing business this organization has been distinguished for its fair and considerate treatment of policyholders.

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## KIDNAPING CONTINUED



INTERESTED SPECTATOR at Lisa Rose's feeding time is Police Sergeant George DiCamillo, who stopped to suggest family get unlisted phone number.



SEEING HER NEW SISTER for the first time, 13-month-old Gerardette Chionchio takes an unimpressed look at Lisa Rose from her father's arms.



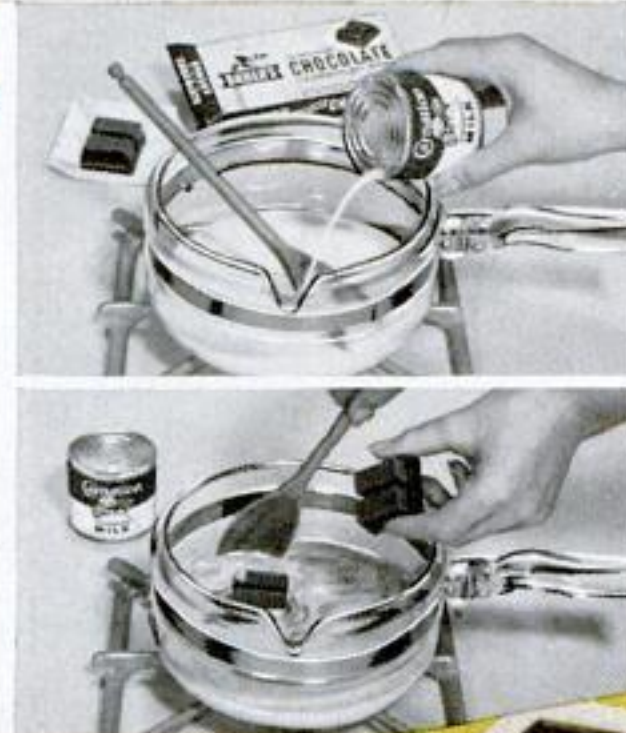
**YOURS IN 4 MINUTES...**delicious fudge frosting...  
no beating, soft-ball tests or candy thermometer needed!

**RECIPE:**

**NEW 4-MINUTE FUDGE FROSTING**  
(Makes frosting for two 8-inch layers)

½ cup undiluted CARNATION EVAPORATED MILK  
3 squares BAKER'S UNSWEETENED CHOCOLATE  
3½ to 4½ cups sifted confectioners sugar  
¼ cup softened butter or margarine

Heat Carnation with Baker's Chocolate in medium saucepan until the chocolate melts (about 3 minutes). Remove from heat. Add sifted confectioners sugar, 1 cup at a time, to spreading consistency. Stir in butter. Blend. Spread frosting between, on sides and top of cake layers.



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**Always smooth, never a failure, made with...**

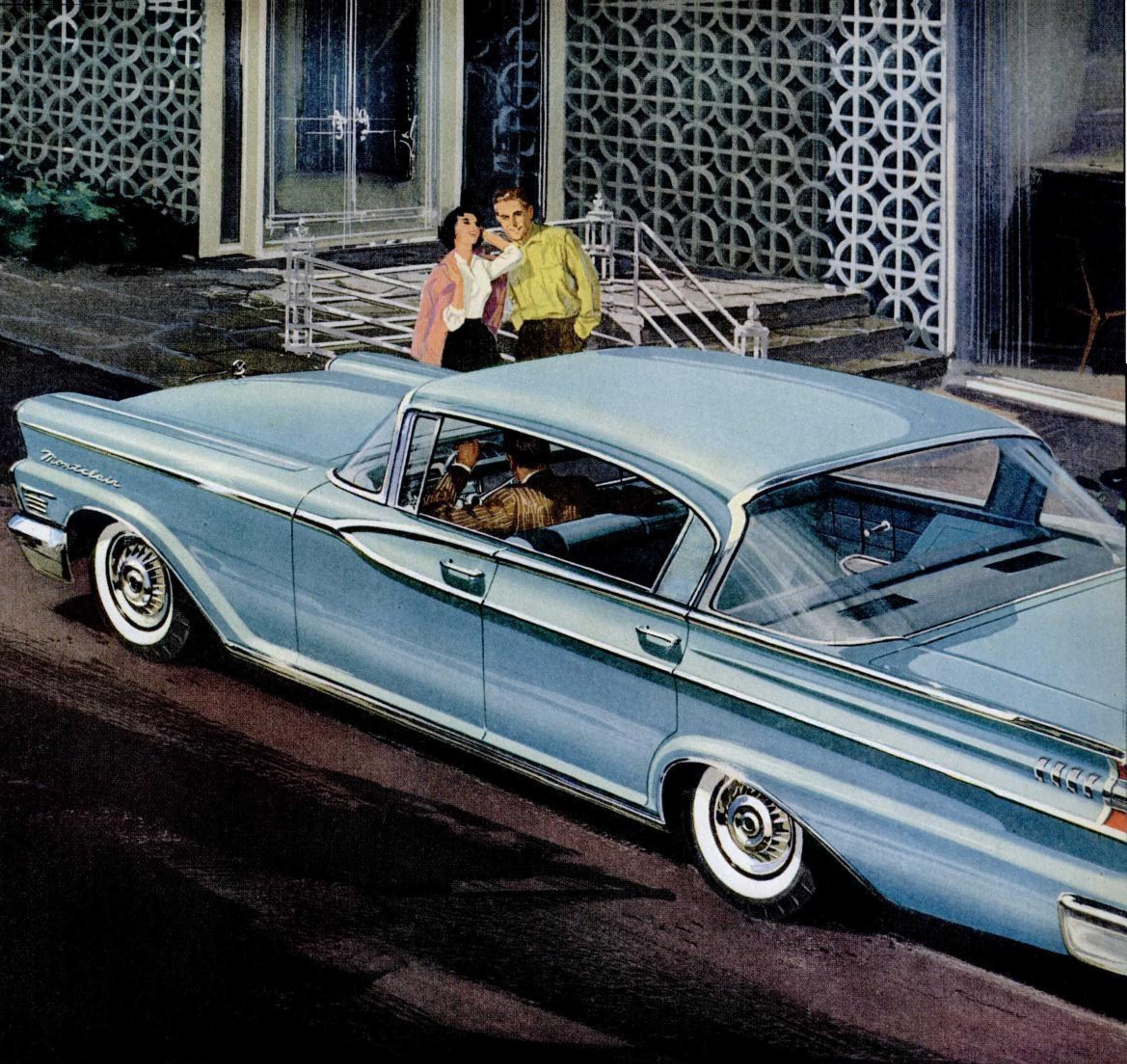
**BAKER'S UNSWEETENED CHOCOLATE**  
the genuine chocolate

*No ordinary chocolate* can give fudge frosting the true, rich chocolate flavor you get with Baker's. For Baker's is *genuine* chocolate—a special blend of the finest cocoa beans. More convenient, too. Individual squares, scored to break easily, melt quickly.

**CARNATION EVAPORATED MILK**  
the double-rich milk that whips!

*No ordinary milk* can give fudge frosting the smooth-as-cream goodness you get with Carnation. For no other form of milk is so rich, so much like expensive cream. Carnation's double richness cuts cooking time and eliminates much of the work...assures success every time.





*The Brand-New '59 Mercury*

# AMERICA'S LIVELIEST

*... for the average income and above-average taste. Beautiful, brilliant, economical! The '59 car with spacious comfort for 6 passengers, not just 4.*

In this one car you get everything you'll find in the most expensive cars—except high price.

For example, Mercury offers you *exclusive* styling—the kind of distinction usually reserved for only the costliest cars. Mercury is the only car in its class that does *not* use a dressed-up body shared by a low-price car.

As a result, Mercury is roomier, more luxurious. Delightfully airy looking, with more than 35 square feet of safety glass all around.

In performance, too, Mercury offers you the finest—but at a saving. There are 3 new Marauder V-8 engines with up to 345 horsepower custom-tailored for each model. The big special is the gas-saving





1959 Mercury Montclair 4-door Hardtop Cruiser. Color: Twilight Turquoise

# LUXURY CAR

Monterey V-8 engine which squeezes more mileage out of every drop of gas.

And there is so much more that's new in America's liveliest luxury car.

There's a new front suspension system that lets you glide, not dive, when you make a sudden stop. A new skyview windshield curves up into the roof—lets you see high-riding traffic lights. Unique Safety-Sweep windshield wipers overlap, clear a 42% larger area, including the center of the windshield.

We invite you to stop in and see the 20th Anniversary Mercury in person. Compare it with any car—even the most expensive—for styling, comfort and performance. Let your dealer—let the '59 Mercury—show you what *new* really means . . . and how little it costs!



**LIVELY — A GREAT NEW KIND OF PERFORMANCE.** Not just high horsepower—although Mercury offers as much as 345—but a new kind of response: quiet, obedient, effortless. New efficiency, too—1959's finest combination of top performance and gasoline economy.



**LUXURIOUS—GREAT NEW KIND OF COMFORT**—true six-passenger comfort. There are 6 inches more entrance room, 9 inches more knee room up front. Even the hump you'll find in the floor of other '59 cars is cut in half in Mercury—provides far more foot room for the man in the middle, both front and back.



**ECONOMICAL—2 OUT OF 3 NEW CAR BUYERS CAN AFFORD ONE.** Mercury is priced to put true luxury within easy reach. And that's just the first way you save. The new economy-powered Monterey engine gives top performance. You don't pay a premium to get this famous Mercury power. Special features such as a new front alignment system and self-adjusting brakes dramatically reduce upkeep.

20<sup>th</sup> ANNIVERSARY

# '59 MERCURY

BUILT TO LEAD—BUILT TO LAST



*"All healthy and pretty,  
with thick shiny fur..."*

**and they've always been  
fed PUSS 'n BOOTS!"**

"All the cats I've ever had just love Puss 'n Boots," writes Mrs. T. S. D., of New Orleans, Louisiana.

Silky fur is one mark of a typical "Puss 'n Boots" cat. Others—such as strong teeth and bones, bright eyes, playfulness—combine to offer convincing evidence of Puss 'n Boots all-around nourishment.

Similarly, many healthful ingredients combined in every can offer your cat a completely balanced diet.

Puss 'n Boots is made not just of fish by-products, but whole fish—nature's storehouse of proteins, vitamins and minerals. The fish liver is included for abundant Vitamin D. Nourishing cereals are added—plus extra Vitamins B<sub>1</sub> and E.

Because Puss 'n Boots is total nourishment, you'll notice—usually within three weeks—an amazing improvement in your pet's looks and liveliness.

"King of the Mountain." For an 8"x10" full-color print of this original photo by Walter Chandoha, send 25¢ in coin to Cat Pictures, Dept. L-48, Box 6586, Chicago 77, Illinois. Offer good only in U. S. A.



**CHECK YOUR CAT** against these characteristics of healthy cats fed regularly on Puss 'n Boots:

- GROWTH AND VIGOR** from high-quality proteins in Puss 'n Boots.
- GOOD APPETITE** from the extra Vitamin B<sub>1</sub> in Puss 'n Boots.
- NORMAL REGULARITY** from the selected cereals in Puss 'n Boots.
- STRONG BONES** from the calcium and phosphorus in Puss 'n Boots.
- SILKY FUR** from the natural oils and minerals in Puss 'n Boots.
- LIVELY ENERGY** from the all-round nutrition of Puss 'n Boots.

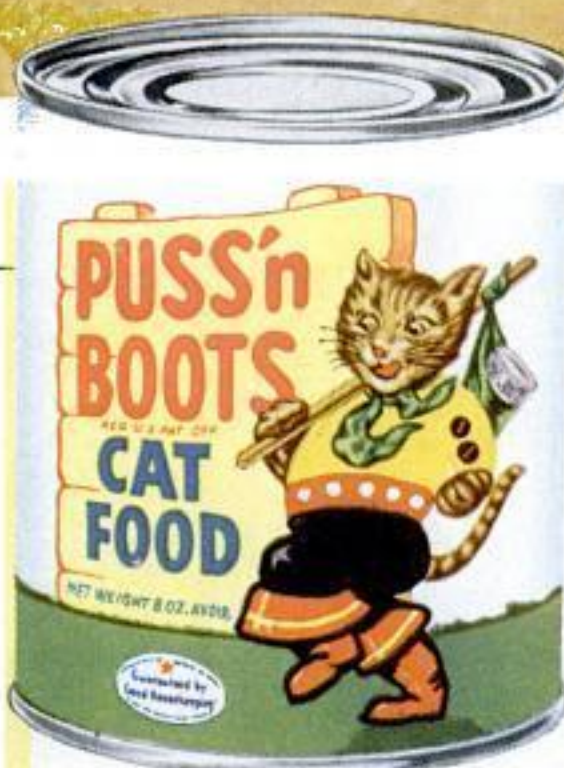
**HOW THE NATURAL LIFE BALANCE OF WHOLE FISH IS RETAINED IN PUSS 'N BOOTS**

Costly Fillets, rich in essential, high-quality proteins. Usually reserved for human consumption, but retained in Puss 'n Boots.



**Liver and Glands**, for minerals and vitamins. Vital for health. Often extracted for medicinal use, but retained in Puss 'n Boots.

**Bone Structure**, for valuable calcium and phosphorus. Made soft and crumbly and always retained in Puss 'n Boots.



BACK THE ATTACK ON TRAFFIC ACCIDENTS

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**PUSS 'n  
BOOTS**

Packed in 8-oz. and 15-oz. sizes.

*Quality makes it America's  
largest-selling cat food*





Free as a bird, long-legged bachelor Billy Mitchell rides out Atlanta's Peachtree Street on the back of his friend Dick Mattison's scooter. Billy used to use the scooter on informal summer dates.

# BLESSINGS OF BACHELORHOOD

**Like nine million U.S. males, Billy Mitchell savors singleness while it lasts**

William Niall Mitchell of Atlanta, Ga. is a bachelor. By dictionary definition a bachelor is "any male animal (esp. the young fur seal) without a mate." But to Billy Mitchell, healthy, intelligent and unattached, and to millions of non-fur-bearing Americans like him, bachelorhood is more complicated than that. It has special privileges mainly involving freedom—freedom from responsibility, freedom to switch jobs, to move fast and do as you please. It also means being the prey of husband-seeking American females. Its problems, aside from income tax disadvantages, really boil down to one word: loneliness.

Loneliness never worried Billy Mitchell. Tall (6 feet 3 inches), a star athlete and honor student, already a successful sales engineer,

member of a prominent Georgia family, he has only to bat his dark eyes to captivate girl friends, their mothers, grandmothers and kid sisters. With or without his confirmed-bachelor roommate Bob ("Bodip") Sparks, he dates two or three times a week. He likes to go out with one girl fairly steadily, preferably, he says, "a girl who is nice looking but knows what's going on, from philosophy to what's happening currently in medicine—I don't know enough about these things; I need help from my partner." When he finds the right one, he'll stop being a bachelor and make a fine husband. That will be all right with him too. "I wouldn't want to stay single forever unless I could stay young forever," says Billy Mitchell. He turns 26 next month.

Photographed for LIFE by GREY VILLET

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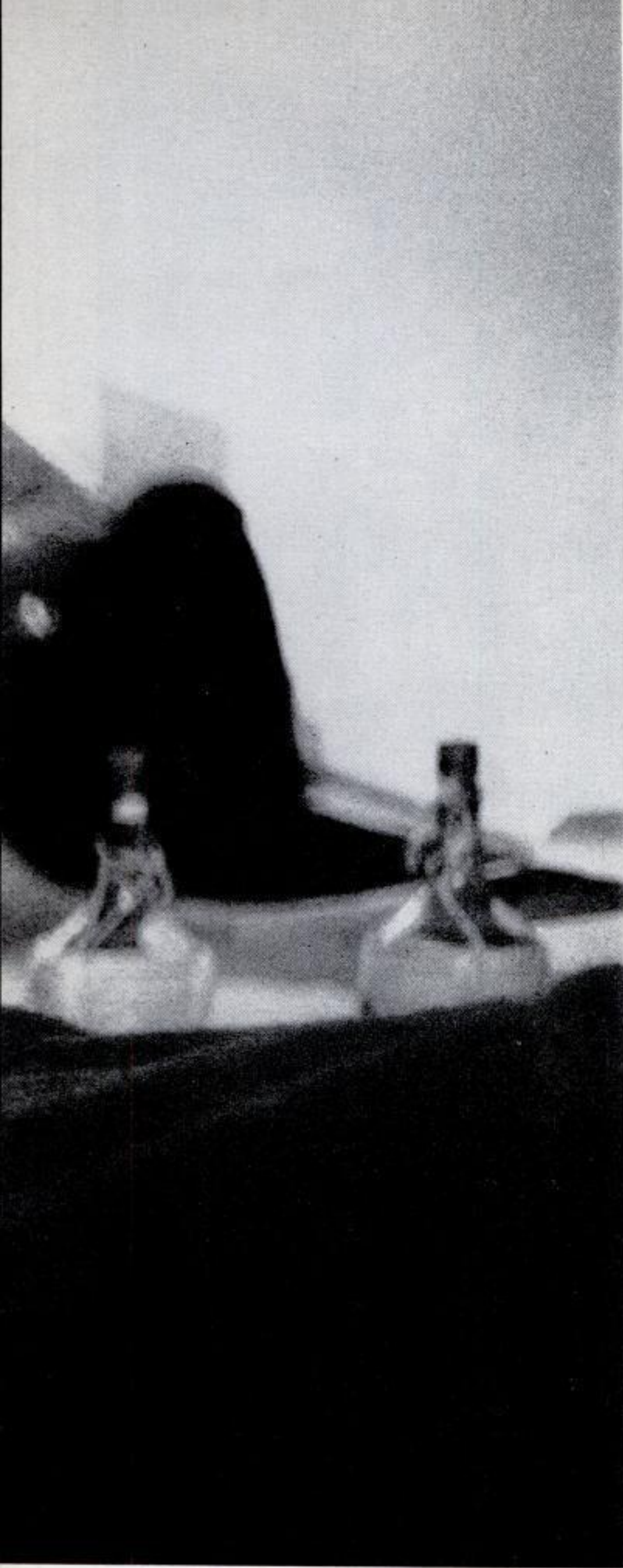


In solid, smiling bliss after a pizza and Chianti dinner with some girls and neighbors, Billy ponders his lot. "Most of the girls my age are husband-hunting. The boys are wife-hunting. But the girls are going at it with a little more frenzy."

With the girls gone, Billy uses a flip-card device he invented to practice sales-talk to roommate Bodip. He earns about \$9,500 a year with an Ohio firm that makes movable office partitions.







**B**illy argues late at night with Bodip, a law student, about ethics, law—and bachelorhood. "It's really a myth," says Billy of the latter. "It's what a few uninhibited types do and what married men think they'd like to do."

**C**alling on a blind date, Mary Boyle, Billy helps her on with coat. Cautious about blind dates, he says, "I like a girl to be recommended. I've got stuck with some bad ones. But Mary turned out really fine."



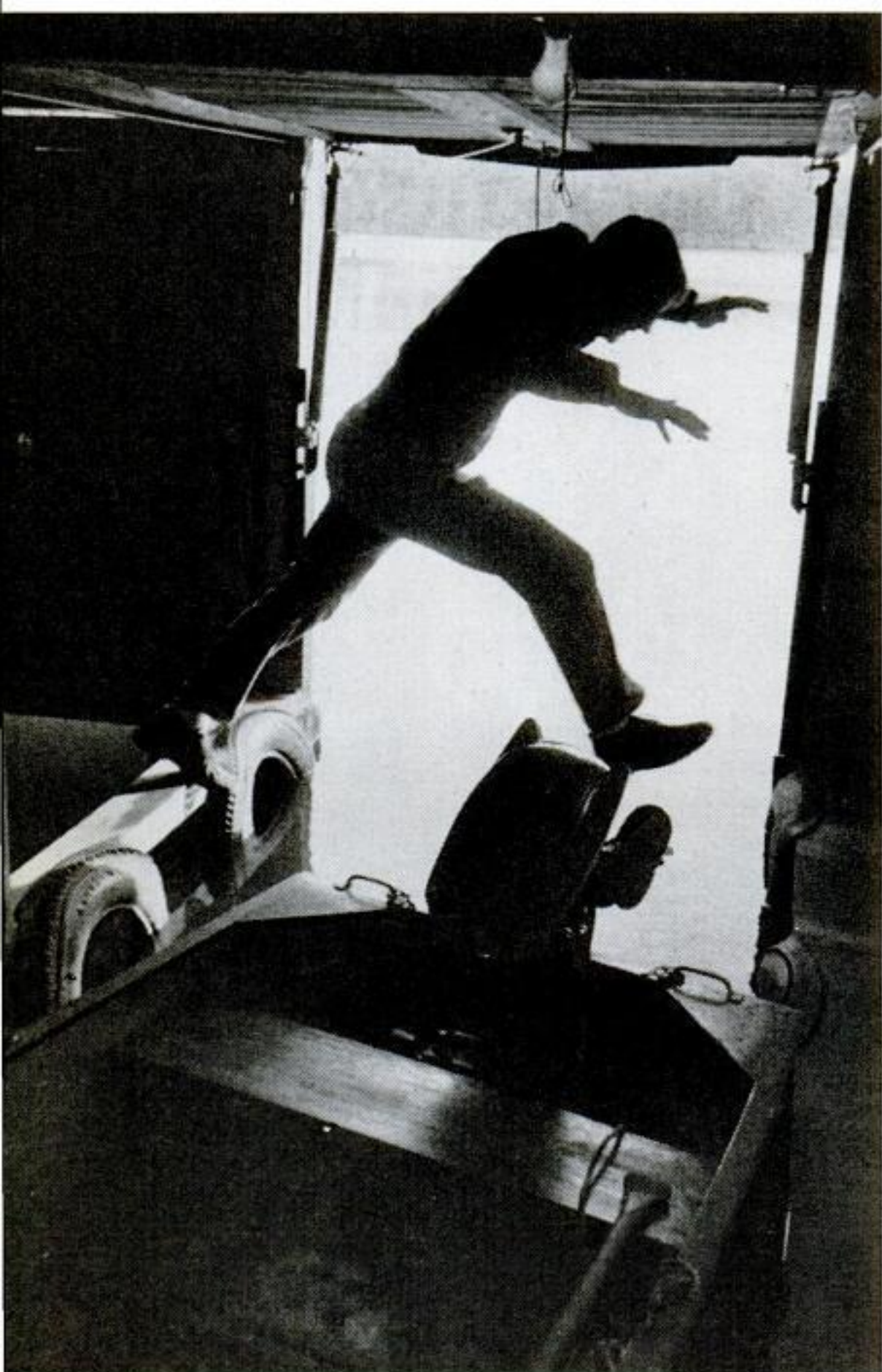


As he shows up at home with laundry, Billy is greeted by his mother. Billy, his two brothers and father, chairman of Federal Reserve Bank of Atlanta, are all enthusiastic athletes, all graduates of Georgia Tech.



On party at family's country place Billy presides (above) at charades. Below, he strolls near lake with Lise Putnam, whom he has seen a lot of in past year. Says he, "When I'm going with a beauty I think maybe

a simpler girl would be nice. Then I want a doll again. I find myself going nowhere but in one great big circle. This bothers me. I guess what I'm really looking for is a chorus girl with a Radcliffe mind."



Billy leaps lightheartedly over family boat. "Bachelorhood," he concludes, "means no responsibilities, no compromises. I can fly off to Sun Valley every weekend. I don't, but the freedom is always there."







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**with a financial head start on tomorrow!**

*Now a single policy  
insures the entire family —  
even covers new babies  
automatically 15 days after  
they're born — then  
pays Dad an endowment at 65!*

**Important addition** to any family's security is New York Life's new Family Endowment Plan. Just one policy, one low premium monthly, insures Dad, Mother and children— automatically includes new babies 15 days after they arrive. Then when Dad reaches age 65 and insurance protection ends, the policy pays him its *full face amount* in cash! Or he can choose a regular monthly income for life! So give the whole family a financial jump on tomorrow by asking your New York Life agent about the Family Endowment Plan today. Or write New York Life Insurance Company, Dept. L-43, 51 Madison Avenue, New York 10, N. Y. (In Canada: 320 Bay Street, Toronto, Ontario)

*The New York Life Agent in Your Community is a Good Man to Know*

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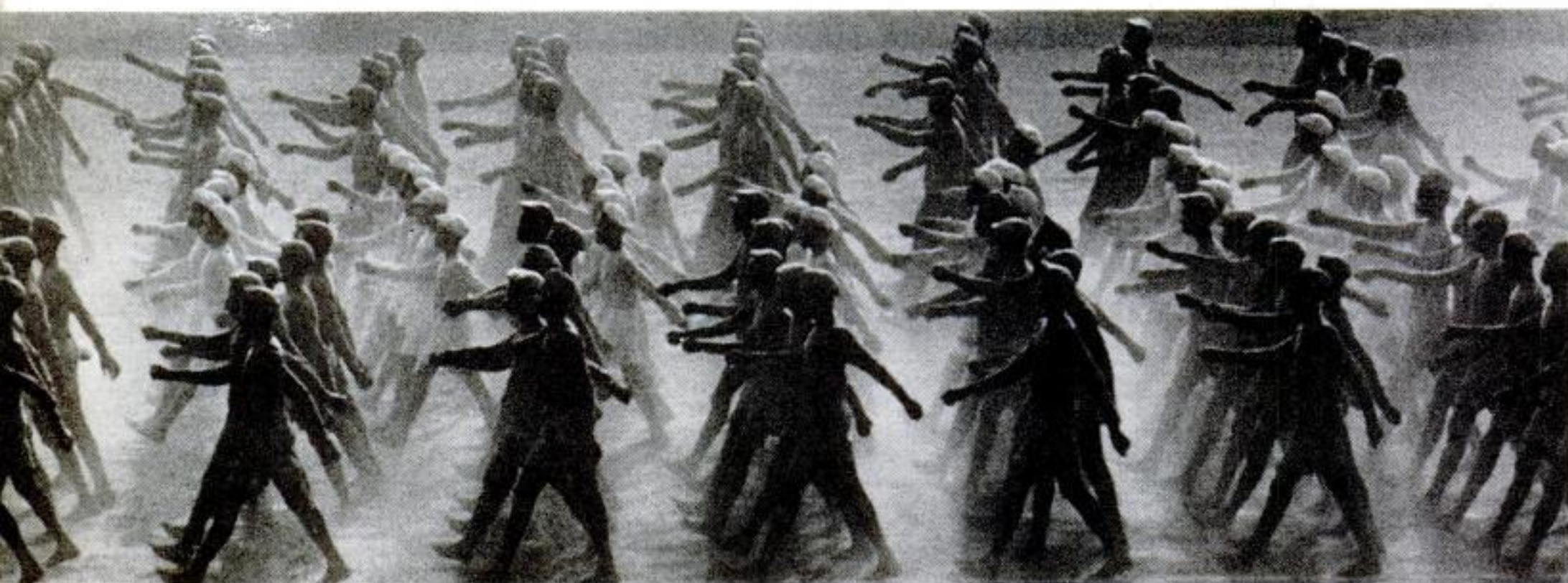


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FIRST OF TWO PARTS

# BLACK AFRICA SURGES TO INDEPENDENCE



SOLDIERS, SCOUTS, SCHOOLBOYS PARADE DURING WEEK-LONG GHANA INDEPENDENCE CELEBRATION

**Aroused by new leaders and problems, vast continent  
explodes out of the Stone Age into the modern world**



COUGHLAN

## ABOUT THE AUTHOR

In preparing this two-part series Staff Writer Robert Coughlan traveled more than 10,000 miles and visited 18 African countries and territories. He was assisted by LIFE's resident correspondents and spent hundreds of hours interviewing administrators, businessmen, missionaries and especially the new leaders of African political movements.

Text by ROBERT COUGHLAN

**T**HE African elephant, which is known for its mean temper and readiness to attack, will run from very few things, but among those things is an airplane. Disturbed by the engines' roar and unable to identify the source of the dreadful noise, elephants are likely to become quite unhinged and stampede through the jungle in such panic that they injure themselves. Some even have been known to run off precipices. Consequently commercial airline pilots in Africa are ordered not to fly so low as to bother any elephants that may be present.

This piece of information can be looked at in two ways. It tells something about elephants; in that aspect its usefulness admittedly is limited. However, it also tells something about Africa: there are now enough airliners flying there to threaten the equanimity of elephants, and this is important. It is a sign and symbol of what is, in fact, one of the profound happenings of our time, the emergence of tropical Africa into the modern world.

Perhaps eruption is a better word, for what is happening is sudden, uncontrollable and

sometimes intensely violent. Africa suddenly is in the forefront of the news. Almost every week it produces something new and startling: the birth of a new nation, the dedication of a great new dam or steel mill, a bloody riot in Nyasaland or the Belgian Congo, French territories continually rearranging their relationships like pieces in a kaleidoscope. This immense area is in the process of passing from the Stone Age directly to the Atomic Age, with effects as incongruous as the juxtaposition of elephants and airliners. For example: ► Barthélemy Boganda, prime minister of the Central African Republic (formerly Ubangi-Shari), is a man of intellectual distinction who moves with ease in government circles in Paris. His French is perfect. Having formerly been a priest, he also has a fondness for Latin and often adorns his conversation with classic phrases. It amuses him to watch the expression of Europeans when he remarks, "Now, my father was a cannibal..."

► Ibadan, the biggest Negro city in the world, is the capital of Nigeria's western province



IN A BLOODY OUTBURST AGAINST COLONIAL RULE

whose people pride themselves on being the most advanced in that country. There are two sights that the visitor to Ibadan should not miss. One is the new university, a splendid campus of the most modern buildings. The other, just a short drive away, is the "juju," or magic market. This is a collection of open-air stalls where one can find conveniently displayed all the ingredients a witch doctor is likely to prescribe: leopard claws, baboon skulls, bat wings, dried mice and all the rest of that rich pharmacopoeia of the juju medicine that a great many Nigerians still believe in and patronize.

## Half-bewildered awakening

**A**NYONE who has traveled in tropical Africa can recite such examples by the dozen. Awakening from the sleep of ages, still sluggish and half-bewildered, this vast section of humanity comes lurching onto the world scene trailing anachronisms. What does this movement hold for the world, and for the





THIS MONTH, CONGO NATIVES SURGE THROUGH LEOPOLDVILLE STREETS WRECKING AND OVERTURNING CARS, BREAKING WINDOWS AND STONING EUROPEANS

U.S. as a world power? How will it affect relations between the white and colored peoples of other continents? Will it add still greater strength to the so-called Afro-Asian bloc in the United Nations? Remove tropical Africa's raw materials and markets from the sphere of the West? Add new national rivalries and frictions to a world already overburdened with such troubles?

In seeking answers to these questions LIFE's articles exclude North Africa, separated from the rest of the continent both by the Sahara Desert and by a difference in civilization, and South Africa, where white domination is so complete that the problem has to be judged on an entirely different scale. The Africa we shall be referring to (*see map, p. 104*) lies mostly in the tropics and is overwhelmingly Negroid. It is the black Africa of apes and ivory and the "great grey-green, greasy Limpopo River," of Stanley and Livingstone, of crocodile and lion, and of 125 million people still living in or at the edge of savagery.

What generalizations can be made about

this immense region? Not many: topographically it has every extreme from Mt. Kenya, with its permanent cap of snow (even though it lies on the equator), to huge river deltas and coastal swamps; climatically it ranges from the empty desert of the Sudan to soggy rain forests. It is jungle and bush, tremendous lakes and great rivers, open savanna and horribly eroded wasteland. The people are divided into many hundreds of tribes, each with its gods and taboos, its antagonisms and special customs and languages.

#### Haphazard boundary drawing

**T**HUS the first broad statement that can be made about Africa is that diversity is its chief characteristic. To this primary fact, which in itself has obvious political connotations, must be added a related one. When Africa was carved up among the colonial powers, little attention was paid to tribal complications. Boundaries usually were drawn with only a vague notion of whom or what they took in

or excluded. Accordingly ancient tribal rivals sometimes had to live under a common master, while proud and powerful tribes were sometimes split.

Another politically pertinent generalization is that almost all Africans, until the time the Europeans came into their lives, were quite primitive. It is hard to believe how few of the basic tools of civilization any of them had discovered for themselves. They had no alphabet or numbers and hence no writing or records. They had never thought of either the wheel or the plow. It is hardly surprising that among the many ideas the Africans had not discovered was that of parliamentary democracy. Only occasionally and in rudimentary form did it exist. The prevailing method of rule was authoritarian, often at the point of a spear. There was a leader—father, village headman, tribal chief—and people obeyed him. Matters important to the tribe might be discussed in public meetings, and the chief would not ordinarily make a major decision without consulting the tribal elders. But democracy in the





GUINEA'S SEKOU TOURE

**UNION CHIEF** who is head of West Africa's biggest labor group, Touré led Guinea into a top-heavy vote for independence from France last September.



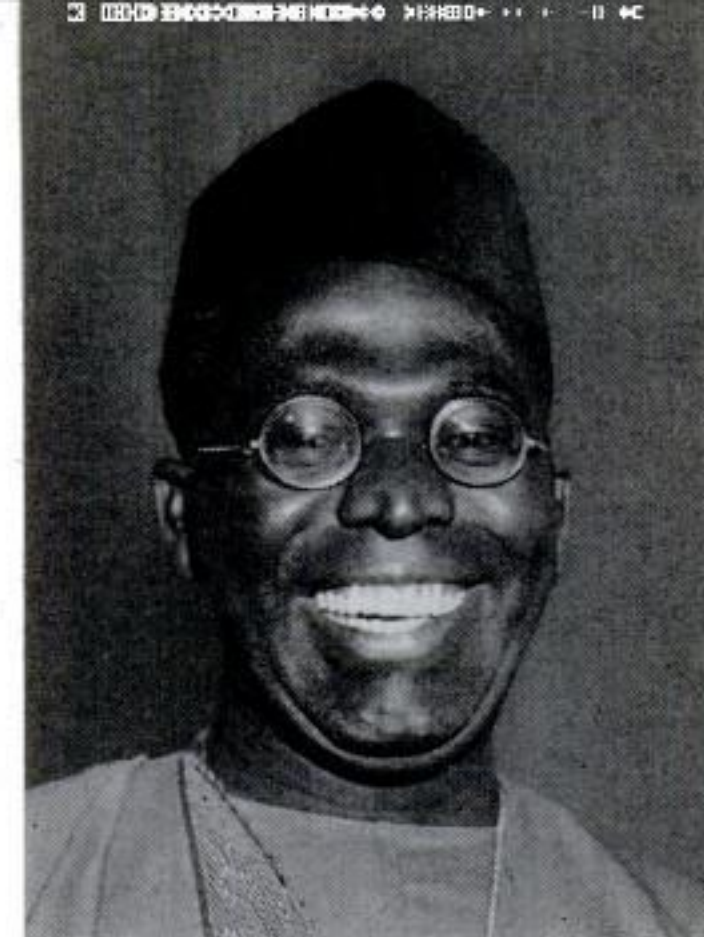
IVORY COAST'S HOUPHOUET

**PARTY BOSS** and a member of De Gaulle's cabinet, Houphouet-Boigny believes that African interests are best served if ties with France are kept.



GHANA'S KWAME NKUMAH

**PIONEER** who made his country the first European dependency to be free, Nkrumah thinks that Ghana is entitled to guide others along same path.



NIGERIA'S AWOLOWO

**BARRISTER** educated in England, Awolowo is chief of Yoruba tribe and rival of Azikiwe and Balewa (right) for top post in new Nigeria.

## AFRICA CONTINUED

Western sense has been a strange and unlikely import into Africa.

Africa has been opened to civilizing ideas a very short time, much of it only within this century. The process began with the discovery of the gold and diamond fields of southern Africa, with the growing needs of Europe for palm oil and other tropical crops and to some extent with the moral determination to wipe out the slave trade at its source. By the 1880s the "scramble for Africa" was on in earnest among the European powers. With the advent of European (to the African, all whites, including Americans, are "Europeans") administrators, businessmen, soldiers and missionaries the process of education began. In the few generations that have elapsed great efforts have been made in some areas, but relative to the need the achievement has been terribly small. At least 90% of all Africans remain illiterate; in no territory would the figure be less than about 60%. On the other hand most areas now contain an intellectual elite: doctors, lawyers, union leaders, teachers, politicians and others who are living evidence of the innate capacity of Africans to learn, living denials of any racial inferiority. They are, however, only a tiny group even in the most advanced regions.

History has simply moved too fast. Even with the best of intentions, which many colonial administrators were far from having, a few generations could not have been enough to change the African masses; the inertia of eons of ignorance yields slowly. And so, as Africa comes bursting into the world, it is a compound altogether new to modern experience: a very small elite; a larger but still small fraction of semiliterates who swarm into the new towns, become detribalized and lose the ballast of tribal custom without really understanding the values of modern society; and a tremendous mass of primitive people who feel the tug of modernity but are still subject to superstitions and irrational hysterics. In short, Africans not only can be led but want to be led, and will be led by any man dynamic enough to command their faith.

There is one more general point that ought to be understood, and it is that Africa is on the whole a poor place. The tropical effulgence of popular imagining is by no means typical. Good soil enjoying good farming conditions is actually quite rare. The real wealth of Africa is largely mineral, and there is almost limitless potential hydroelectric power. But the development of mining, to say nothing of dam building and hydroelectric apparatus, takes capital—and the Africans themselves have almost no capital. It must come from outside, and in a

political sense there are only two sources. It can come from the free world as private investments and as development loans from Western governments. But, failing this, it can come from the Communist countries, a possibility which, whatever its penalties might be, quite a few African leaders enjoy turning over in their minds.

Like all generalizations the foregoing have their exceptions. To say that Africa is poor is to leave out the coffee and timber of the bustling Ivory Coast, for instance, or most of Uganda, a place of extraordinary beauty and fertility. To say that Africa lacks an important culture of its own is to leave aside its brilliantly imaginative sculptures and ceremonial masks. Only by seeing Africa in its immense variety, in fact, does one begin to understand the importance that the common denominators have in shaping the development of self-government.

And so we shall do some touring here. Strange concepts will be encountered, and complications sinuous as jungle creepers, and fantastic unpronounceable names. Readers hoping for Kim Novak beset by gorillas are advised to drop off here. But the tour, for those who are interested, will yield insight into future events that only now are gathering shape and force. This week we shall examine the countries which are free today or on the verge of freedom, where even the women, long considered chattels, are stirring with the idea of independence. Next week the tour concludes with a look at those areas which, despite violent upheavals, are still several steps away from independence.

### Africa's 'Show Country'

**O**UR tour starts with Ghana, the former Gold Coast which became a free nation in March, 1957, the first of the European dependencies to do so. Its Prime Minister, Kwame Nkrumah (African *N's* are given the sound *En*) used to be known by his people in pre-independence days as "Show Boy": he was their prize example of the African's ability to compete with the white man on equal terms. In the same sense Ghana itself is now Africa's "Show Country." The very fact that it was able to get independence had a tremendous impact in the other territories, whose leaders began to ask, in effect, "If they can do it, why shouldn't we?"

The Ghanaians, for their part, are keenly aware that they are setting historic precedents, and without the slightest encumbrance of false modesty they have undertaken to rally and lead the whole self-government movement. A few weeks ago, for instance, delegates from political organizations all over Black Africa met in Accra, the capital city, to consider mutual aid and common policy against white domination. The

international political traffic in and out of Accra forms a thriving local industry in itself.

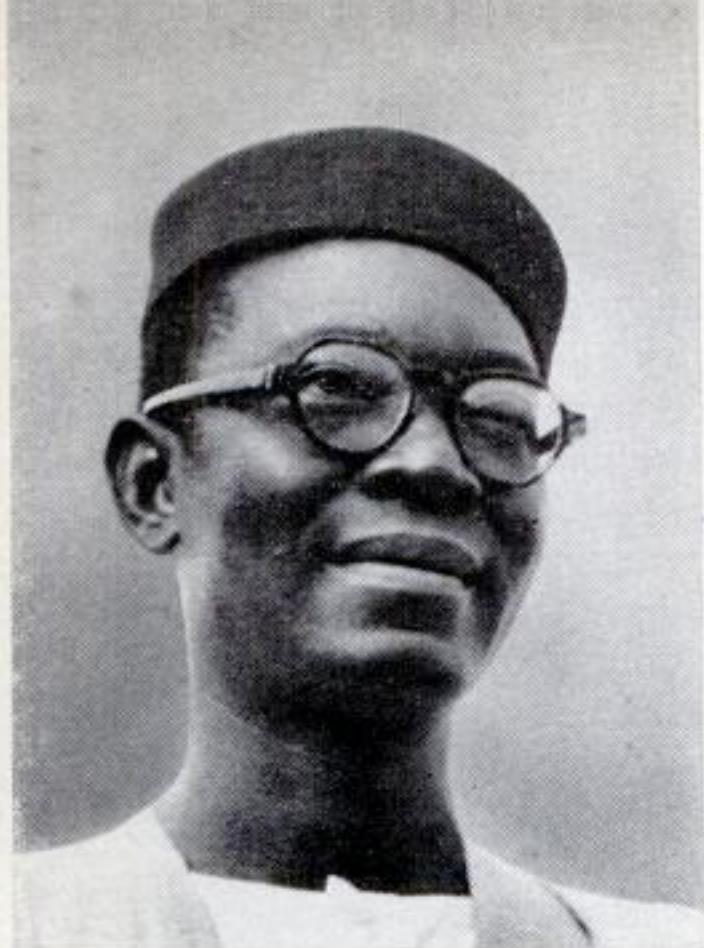
In Accra the most striking quality of the people is their vivacity. Most Africans are marvelously good-natured, but the Ghanaians seem to teeter on the edge of uncontrollable hilarity. There is a general atmosphere of activity and optimism, abetted by a construction boom that has pushed up quite a few new houses and office buildings. This charming air of being on a serious lark prevails among Nkrumah and the members of his government, or at least most of them. Nkrumah himself, alert and rather cocky, is quick to laugh and sometimes is downright prankish. At the last opening of parliament, arriving late as befitted his position, he walked into the chamber waving his acknowledgment of the cheers from his followers on the government benches—and then went over and sat with the Opposition. This ploy brought roars of laughter from both sides and noisy badinage that went on until he took his proper seat.

Delightful, yes—but about a fortnight later Nkrumah's police raided the homes of a number of these same Opposition members to search for weapons and "seditious literature." A few weeks later his big parliamentary majority put through a "preventive detention" bill entitling the government to jail without warrant or trial anyone suspected of threatening public order. More recently, prominent members of the Opposition were arrested on charges of plotting to assassinate Nkrumah and other leaders, a charge impossible to evaluate since they are being held incommunicado. It is in such ways that Nkrumah and his lieutenants seem to many people to threaten the future of democracy in Ghana—and by their example to inhibit its growth elsewhere in Africa.

This is the more disturbing because in Ghana, if anywhere, it would seem that circumstances would allow Western ideas of liberty and good government to take root. Ghana has been exposed to Western influences for a long time. Its generally good soil and big cocoa production make it among the most prosperous places in Africa. In the years before independence, the British took pains to set up democratic institutions and to train the African leaders in their use. And finally, these leaders are mainly intelligent men who themselves were steeped in the democratic tradition through education. Nkrumah studied at Lincoln and Pennsylvania universities in the U.S. and at the London School of Economics, and he professes a belief in democracy both in public and in private.

Yet all the foregoing repressions have happened within the two years of independence. Meanwhile all the makings of a personality cult have appeared. Accra has an Nkrumah





NIGERIA'S AZIKIWE

**POLITICAL TACTICIAN** and a newspaper publisher, "Zik" is a persuasive orator. At 54 he is oldest African independence leader.



NIGERIA'S BALEWA

**COLORFUL LEADER** of northern Nigerians, Abubakar Balewa is probably the most likely candidate for Nigeria's prime minister.



**CHEERING NEW RIGHTS**, women members of Pan-African party led by Houphouet (opposite, top) applaud De Gaulle during his Dakar visit.

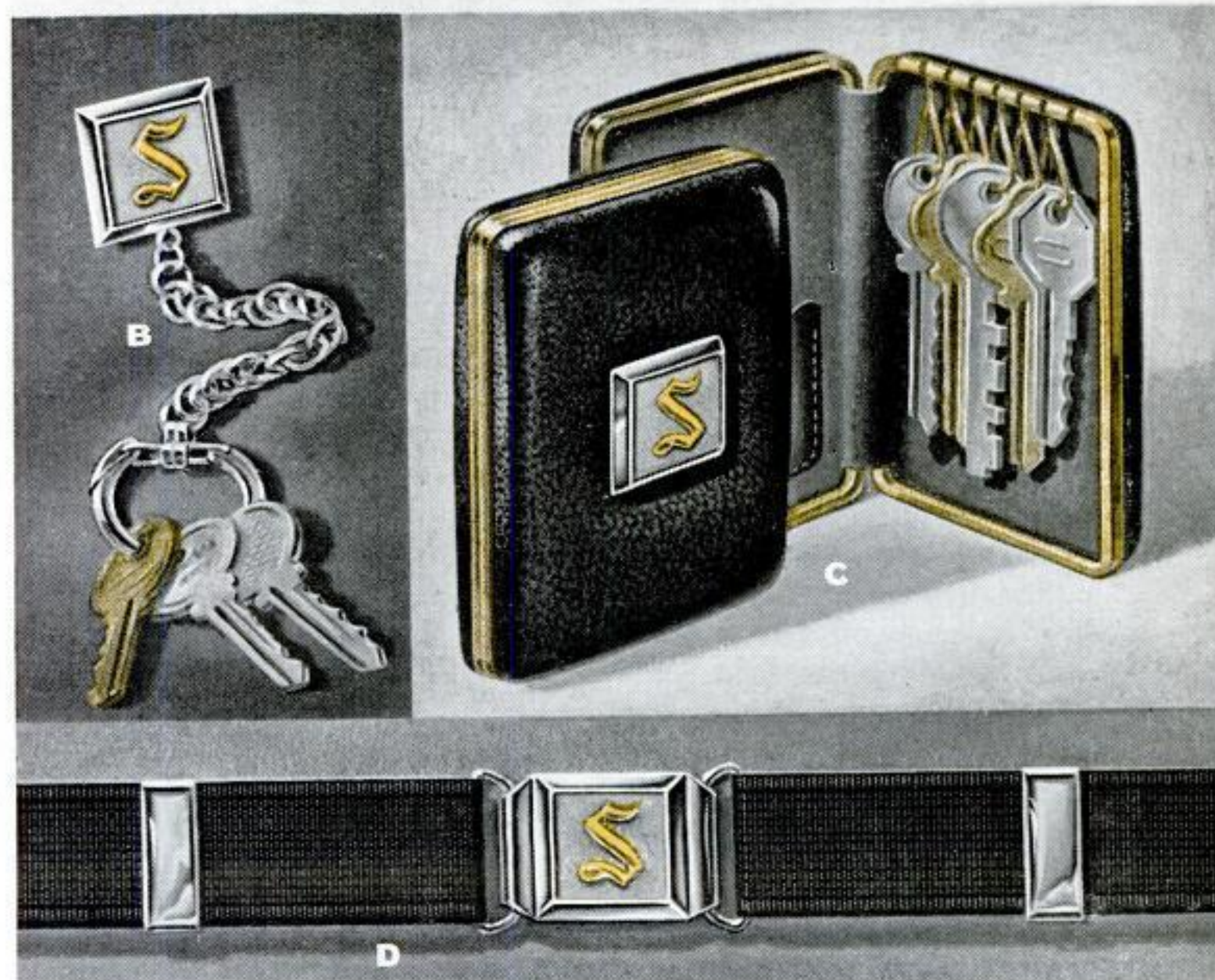


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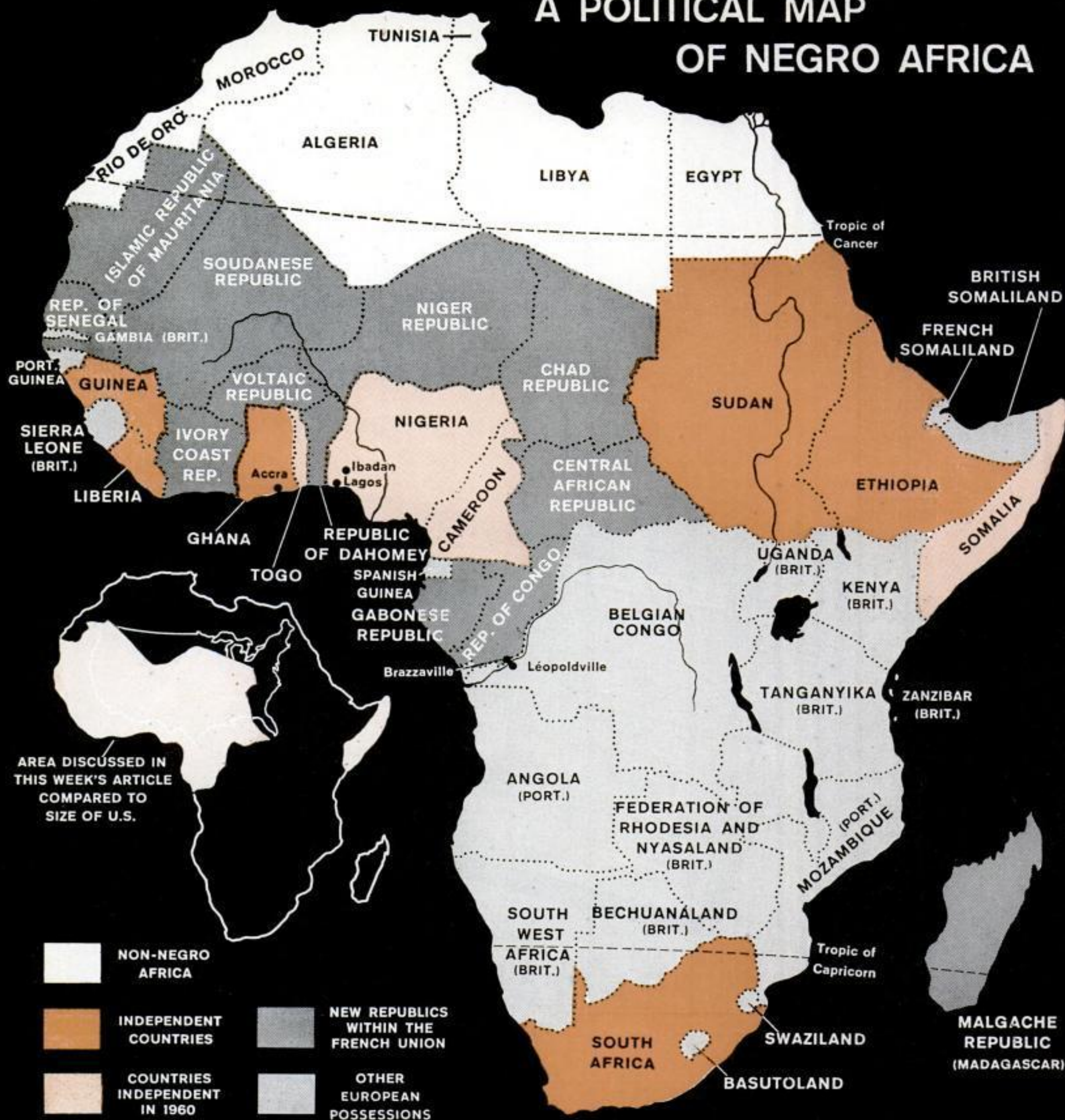
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# A POLITICAL MAP OF NEGRO AFRICA



**EMERGING NATIONS** of Africa are shown on map with their new official names. Upper Volta, for example, is now Voltaic Republic. Shaded areas on larger map are those whose populations are predominantly Negro. Thus they do not include North Africa, whose people are non-Negro,

but do include South Africa even though its political situation is special (country is independent but run by whites and its Negro people have few rights). Shaded area on small map indicates those countries discussed in this week's instalment, with outline of the U.S. superimposed for comparison.

## AFRICA CONTINUED

Road, Nkrumah Avenue and Nkrumah Circle. A twice-life-size statue of the prime minister, inscribed at the base with his Messianic message, "Seek ye first the political Kingdom," has been put up on the lawn in front of parliament at a cost to the government of \$196,000. Last September on his birthday came the first observance of what is to be an annual National Founder's Day, with parades and parties throughout the country in his honor.

So one must ask seriously: is Ghana headed for dictatorship? Is freedom to mean freedom for party oligarchs to run the country according to their own schemes? Many of Nkrumah's opponents are bitterly sure of it.

And yet all these things can be interpreted quite differently and much more optimistically if one keeps in mind some of the generalizations set forth earlier. Like the other African territories Ghana is a geographical accident without natural cohesion. It consists really of three areas: a coastal strip inhabited mainly by the Fanti and Ewe tribes, who made peace early with the European traders and absorbed some Western ways; a large and fertile middle area inhabited by the Ashanti, who were prosperous and warlike and stayed aloof from the

other tribes except to raid them for slaves and booty; and a desolate, semidesert northern area inhabited by several poor tribes.

The key ingredient in this mixture was the Ashanti, who were among the few tribes in all Africa to have formed something closely resembling a nation. Their kingdom goes back as far as 1697 in reliable records, and it took the British seven campaigns to conquer them by 1901. Once subdued, the Ashanti people resumed their habit of thinking of themselves as a nation apart from and superior to the neighboring tribes. And not surprisingly, when finally the British were ready to give freedom to the Gold Coast, there was a movement among these proud people to be allowed to form their own country or, failing that, an autonomous state within a federation.

Neither the British nor Nkrumah's nationalists were willing to let this happen since the Ghana-to-be would make no sense at all geographically or economically without Ashantiland. The result was that by March 1957, when Ghana was born, civil war was a real possibility. Government leaders entered Ashantiland literally at their peril—and few did.

Yet today Ashantiland is docile and its tribal king has declared his admiration for Nkrumah. The power of the chiefs is broken and

Ghana is bound together under an overwhelming majority held by Nkrumah's party. The country is on the way to becoming a real nation. Have these ends justified Nkrumah's means? May they not, in fact, have demanded some such means and, as one often hears elsewhere in Africa, have set a practical working example for other new governments to follow?

Considering the circumstances of Africa in general and Ghana in particular, it is hard to disagree with Nkrumah's own proposition that: "For a newly independent nation . . . even a system based on social justice and a democratic constitution may need backing up, during the period following independence, by emergency measures of a totalitarian kind." Nor can one dispute the usefulness of glorifying Nkrumah personally. As noted earlier, the ordinary voter in Africa has only the sketchiest idea of any issue that touches more than his village or district. He personalizes his larger hopes in the figure of one man, who then becomes something more than a man: a semidivine being, adored, serenaded, applauded and obeyed. Without such a symbol of nationhood there is a serious danger that the whole national fabric will disintegrate.

Ghana's future will be written in the actions of the next few years. In the meantime the best judgment seems to be that the mistakes—and certainly there have been many—have been due mainly to revolutionary excitement and overeagerness: overeagerness to show that a black, tribalized country could have internal stability, that an all-black government could really govern and that Prime Minister Nkrumah could speak as the unchallenged leader of a united people.

## Symbols of national prestige

**T**HIS same feeling of being terribly conspicuous has, according to this interpretation, caused Ghanaian leaders to attach undue importance to symbols of national prestige in preference to matters of basic national welfare. Having already secured a merchant marine (in partnership with Israel), they want a navy and a military air force. They are building an international radio broadcasting station powerful enough to reach all Africa. "There is a kind of national intoxication going on here," says one experienced observer. "This is a small country gloriously sure that it has a big place in history. For its own sake it's too bad that Ghana had to be the first. The situation will be better here, I think, when some of these other countries get their independence and take the spotlight away."

The spotlight was, in fact, taken away briefly last September when another new country, Guinea, came onto the stage following the constitutional referendum in France's overseas territories. Among its early adventures was the sudden decision by its leader, Sekou Touré, and Nkrumah to "unite" their two countries. What prompted this and what it means will be dealt with later. Here it need only be said that the gesture was purely political, and there was no real intention to merge under one government.

But a year from now, during 1960, at least four more new countries are to be born. They are Cameroon on Jan. 1, Togo on April 29, Nigeria on Oct. 1 and Somalia on Dec. 2. Of these Nigeria is by far the most important; indeed, its independence must rank as one of the great events of Africa's history.

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and grove to arid uplands far in the interior, was formed in 1914 from several separate British holdings. It is a very big place, larger by far than the British Isles or any Western European country, and it has a population of 34 million people, more than a fourth of all the people of Black Africa. It has good agricultural resources and a relatively large number of Africans trained in business, technical trades, finance and government. Among these people there is a strong sense of manifest destiny. They feel that Nigeria's size and advantages should enable it to become not only the leading nation of tropical Africa but an important factor in its own right in the world.

There is only one thing that might stand in the way: Nigeria supports what must be the largest collection of political animosities to be found anywhere in the world. Each of the three main tribes, the Hausas, Ibos and Yorubas—who respectively inhabit the Northern, Eastern and Western regions which form the Federation of Nigeria—dislikes and mistrusts the others and has not been willing to concede much power to the central government. Also, some of the hundreds of medium and smaller tribes feel that *their* interests are being suppressed and have wanted new self-governing regions to be created. Religion complicates matters still more. The southern rim of the country is mainly Christian and the middle is mostly pagan. Most of the north is devoutly Moslem and is scandalized at such radical southern ideas as giving votes to women.

### The British prepare to go

**E**XCEPT for this tangled web Nigerian independence already would be an accomplished fact. There has been no argument from the British about the principle. Here as elsewhere in Africa their aim for some years back (officially since 1947) has been to prepare the people to manage their own affairs, with independence within the British Commonwealth the ultimate and logical outcome. But the British did not want to leave until they could be reasonably sure the country would hold together afterward. Finally last October the tribal areas gave enough assurances of wanting to live and work together to satisfy the Colonial Office. The date was set: Oct. 1, 1960.

Independence Day will introduce some remarkable characters to world politics. The most conspicuous, one way and another, is likely to be Dr. Nnamdi Azikiwe, M. Sc., M.A., Litt. D., LL. D., leader of the National Council of Nigeria and the Cameroons, prime minister of the Eastern Region, and universally known as "Zik" (pronounced "Zeek"). Zik was educated in America at Howard, Lincoln and Pennsylvania, came back to Nigeria as a journalist, jumped into politics and emerged as organizer and head of the first big, widely representative nationalist movement in Nigeria or, for that matter, anywhere in tropical Africa. It is another measure of African nationalism that Zik at age 54 is its elder statesman. He is a brilliant political tactician, a demagogue to his fingertips and the slam-bang publisher of five newspapers which are boisterously devoted to his cause.

Zik's great rival is Chief Obafemi Awolowo, a barrister educated in England, a rather solemn and intellectual man given to disappearing from time to time for periods of lone contemplation, but withal an extremely effective politician. He is a member of the Yoruba tribe while Zik is an Ibo, and he found it easy to convince the Yorubas that they should



**COMING OF INDUSTRIALISM** to Black Africa is symbolized by the building of huge Kariba power

dam, on the Zambesi River in Rhodesia. Here workers descend ladder for lunch of "mealie" porridge.

break free of Zik's party and start one of their own. This Action Group, as it is called, subsequently made Awolowo prime minister of the Western Region. He is eloquently a friend of the West in world politics and a strong believer in democracy and civil rights. With national independence approaching, Awolowo has been trying hard to detribalize his party and create an organization in non-Yoruba areas, even in the Ibo east. Zik has been equally energetic—and so far more successful—in trying to build up his party's national apparatus. The reason: each man is hoping to be prime minister of the new Commonwealth of Nigeria.

### Striking figure from the North

**B**UT neither can manage without the support of the Northern Region, which contains about half the whole population. And the north is more likely to want the job for one of its own leaders, most probably the man it has already made prime minister of Nigeria's existing federal government. His name is Abubakar Tafawa Balewa, and a more striking character would be hard to imagine. Coal black, with heavy lips and brooding eyes in a tight skull, he sits at his desk clothed in snowy white Islamic garb from pillbox hat to flowing gown. Out of this apparition comes a voice magnificently deep, strong and compelling, speaking eloquently in purest English.

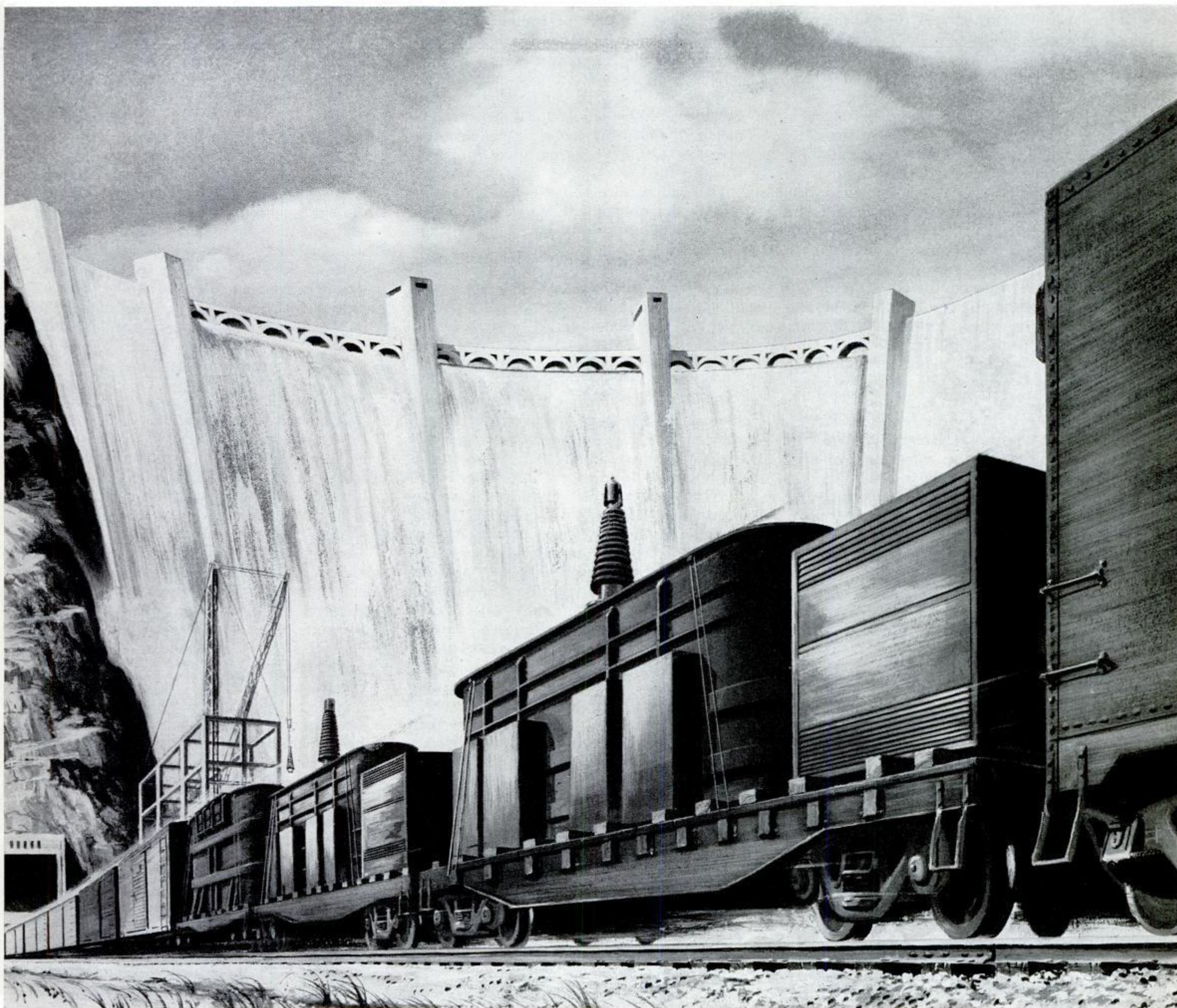
Nigeria's greatest problem, the voice says,

is "ourselves"—the tribal, sectional and personal rivalries. "It is regrettable in a sense that we never had a common enemy to threaten us and make us cling to one another for protection. Now while we try to build a government, an economy, a technology, we must also build a nation. It will take time. But it can be done. I have emphatically rejected the idea that we ought to postpone independence until some future day when we will be 'ready' for it. We will only learn by doing. And when we have our independence, the people will feel such pride and responsibility that these conflicts among them will begin to fade away."

If there is another thing besides the desire for independence that unites the Nigerian leaders, it is disgruntlement that Ghana got there first—and scorn for the notion that this now entitles Ghana to instruct others. Asked if he felt that Nigeria could learn from Ghana's experiences, Balewa leaned forward in his chair and boomed his contempt: "I can't understand how people can get such an idea. Ghana is only 4 million people. We are 34 million. If Nkrumah thinks he can set himself up as the leader of African independence, he is *very much* mistaken!"

Nkrumah, who likes to think exactly that and whose attempts to build a continental following have already sent him on state visits to numerous countries, will start next week on an official tour of Nigeria. His reception should be interesting. From Zik, who is an old friend and ally, he will probably get welcome. But





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Awolowo distrusts him and dislikes the ruthless methods he has used in Ghana. And the leading northern party showed its opinion by refusing even to send a delegate to last December's All-Africa conference in Accra.

Balewa's disinclination to let Nkrumah assume African leadership would undoubtedly be seconded by Sekou Touré, president of the new Republic of Guinea, despite the supposed "union" with Ghana. Young, talented, personable and tremendously self-assured, Touré regards himself as an African Simon Bolívar. Long before Guinea became independent he was telling visitors, "All Africa is my concern!" On the first day of Guinea's nationhood he announced, "Our choice goes beyond this territory. It is a pattern for the development of the peoples of Black Africa. . . . Other territories have no choice but to follow the example of Guinea."

The fact is that "other territories" have, for the present at least, uniformly rejected Touré's ideas of independence. However, Touré may still win the game in the end—and a very big game it is. What is at stake, while far from being "all Africa," is the political future of French tropical Africa, which is to say approximately a third of our entire area of inquiry. Accordingly, some definitions are necessary.

### France's big bite

**D**URING the colonial partitions of Africa, France came out with much the biggest acreage. This included an area in western and central Africa larger than the U.S. For administration it was divided into two principal parts: French Equatorial Africa, which took in four provinces north of the Congo River, and French West Africa, which consisted of eight provinces around the West African "hump."

Of the two parts French Equatorial Africa has better scenery but its climate, soil and general resources are poor. The whole area, bigger than the U.S. east of the Mississippi, has a population of only 5 million, and most of them are still quite primitive.

French West Africa is not only much bigger but much more advanced, supporting 20 million people in an area three fifths the size of the U.S. Although there is a good deal of scrub land and desert, this vast territory also has places that offer some of the best economic opportunities in Africa. One is Sekou Touré's Guinea, which has tremendous undeveloped bauxite deposits. Another is the Ivory Coast,

where scientific tropical agriculture has already produced a boom economy. The political leader there is Felix Houphouët-Boigny, a small, middle-aged, shrewd and good-natured man. Houphouët-Boigny should be kept in mind, because he is Touré's political archenemy, a member of General de Gaulle's cabinet and one of De Gaulle's principal advisors on matters affecting French policy in Black Africa.

The main feature of that policy has always been assimilation, the idea that by exposure to French education and culture the Africans eventually could be made into black Frenchmen. It was assumed, of course, that this would take a long time. But due to the rising flood of nationalism and to France's decision to ride with it in Black Africa—instead of trying to dam it, as in Algeria—events that might have taken many generations have happened in only a dozen years.

The first big step came after the war when France converted its Africans from French subjects to French citizens. Those who met the voting qualifications elected representatives not only to territorial assemblies but to the parliament in Paris. Thus came the surprising sight of Africans—finally about 60 of them—voting on all French parliamentary business.

In 1957 there was another giant step with the establishment of universal adult male and female suffrage. Thus the forest pygmy was given exactly the same voting status as the French graduate engineer, an adventure in democracy sufficient to satisfy the most ardent defender of the Rights of Man. Moreover, the territorial assemblies received wide power over their own internal affairs. This was a bold program through which France hoped to keep the loyalty and friendship of the Africans. Meanwhile France also began a great program of public works and economic development, pouring in money at the extraordinary rate of about \$500 million a year.

The ultimate point in this policy of realistic liberalism came last September when the territories were offered complete independence. They could get it simply by voting against the new French constitution proposed by General de Gaulle. All territories accepting the constitution would be allowed to choose their particular relationship with France. They could keep their semiautonomous status. They could unite completely with France and become overseas "departments." Or they could become autonomous republics federated with France in a new French "Community." For

extra insurance the constitution allows any member to leave and become independent any time in the future. How liberal can "colonialism" get?

France's reward was a rousing, overwhelming "Yes" to the constitution from all but one of the territories. The lone exception was Guinea, where Touré had campaigned against it and where the vote was an equally rousing 95% "No." Neither the outcome nor the percentage is mysterious in view of what has been said about African democracy. What was demonstrated was that (a) a popular leader in Africa usually can get the masses to vote any way he wants and (b) Sekou Touré is an exceptionally popular leader. What remains to be explained is why Touré wanted this result.

### Avenging a bitter defeat

**O**NE of Touré's ancestors was Chief Samory, a famous warrior whose defeat by the French he seems bent on avenging. But his ideas go farther. He would like the eight former territories of French West Africa to federate into one big nation—for whose presidency he naturally would be a candidate. Moreover he is head of the 700,000-member General Union of Workers of Black Africa, and his dreams include the idea that in such a federation labor unions should have a leading governmental role. Clearly, whatever the other results of his grand design might prove to be, the probable outcome for Touré would be to make him the political kingpin of all French tropical Africa.

Now the foremost objector to Touré's ideas has always been his neighbor down the shore, Houphouët-Boigny. His Ivory Coast is the richest place in all French Black Africa. Why should it share its prosperity by federating with poorer places? A successful doctor turned politician, Houphouët founded the RDA party, which built a majority in most of French tropical Africa. Then the younger, aggressive Touré joined it and built such a following that he became an increasing threat to Houphouët's leadership. Beyond this, however, Houphouët has felt that the best interests of the Africans truly lay in building the closest possible relationship with France, and that the best method was in the direct, individual association provided by the Community.

Thus the stage was set with classic elements for the duel: the young leftist, ambitious and daring, against the older, more conservative, wily party founder. At first the older man seemed to be winning. Touré apparently took Houphouët's appointment to De Gaulle's cabinet as a sign that France would not willingly agree to a federation. When he made his move for independence, he brought his country very near disaster. France cut off technical and economic aid and furthermore refused to give Guinea formal diplomatic recognition, thus leaving it suspended in limbo. Touré nervously declared that he wanted Guinea to remain associated with France. From Paris the response continued cold.

It was under these extremely difficult circumstances that Touré visited Nkrumah and the "union" of Ghana and Guinea came about. Actually there could be no rational hope of a real union, now or soon. The countries are physically separated, economically competitive, and culturally unlike. Nevertheless, politically this move turned the tide in Touré's favor. The \$28 million loan he received from Ghana was enough to give him a reprieve from bankruptcy. And the "union" so startled

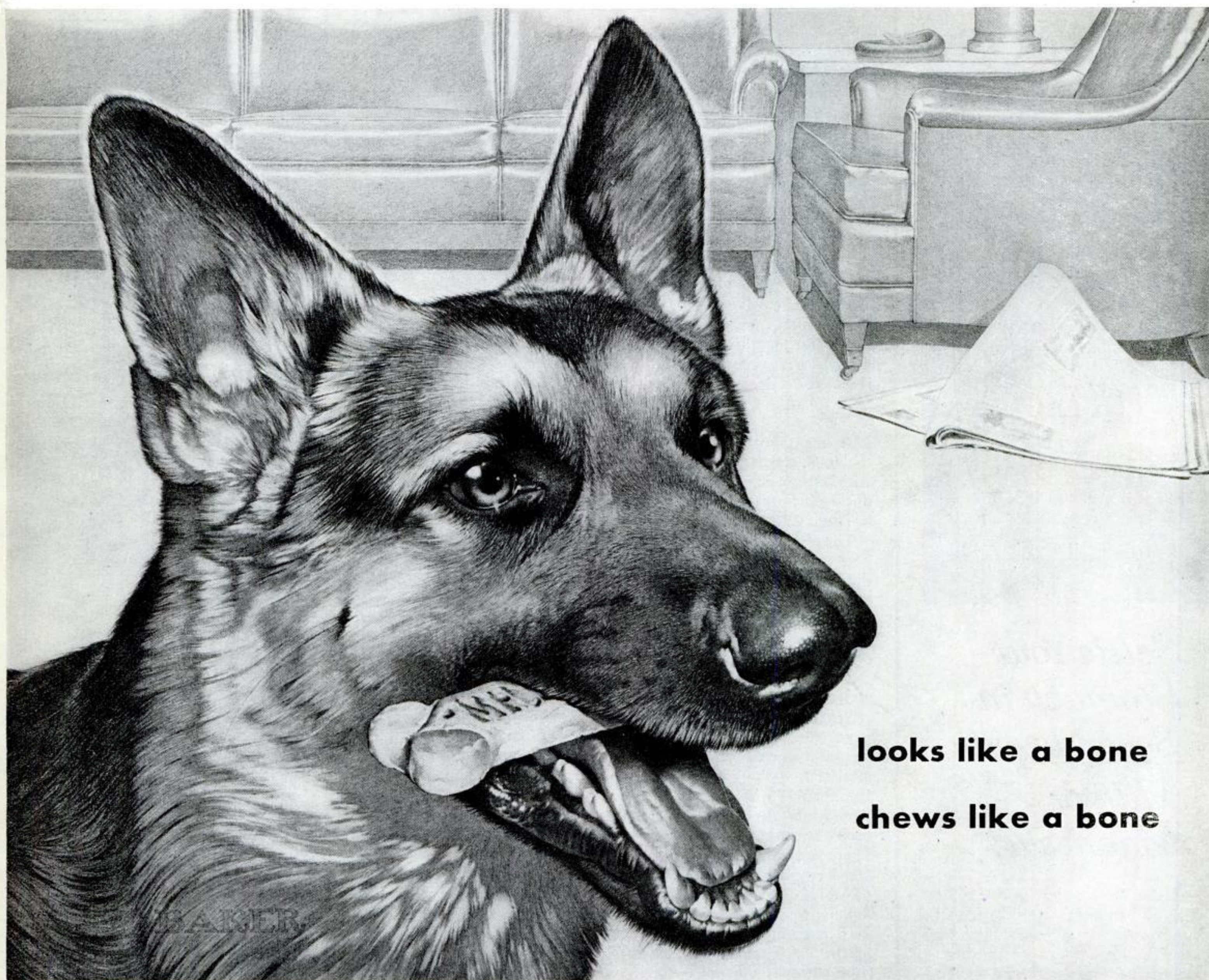
**VOTE FOR FREEDOM** is cast by Guinea women in referendum last September. Universal suffrage

was won by French African women in 1957, and women played a large part in Touré's campaign.



CONTINUED





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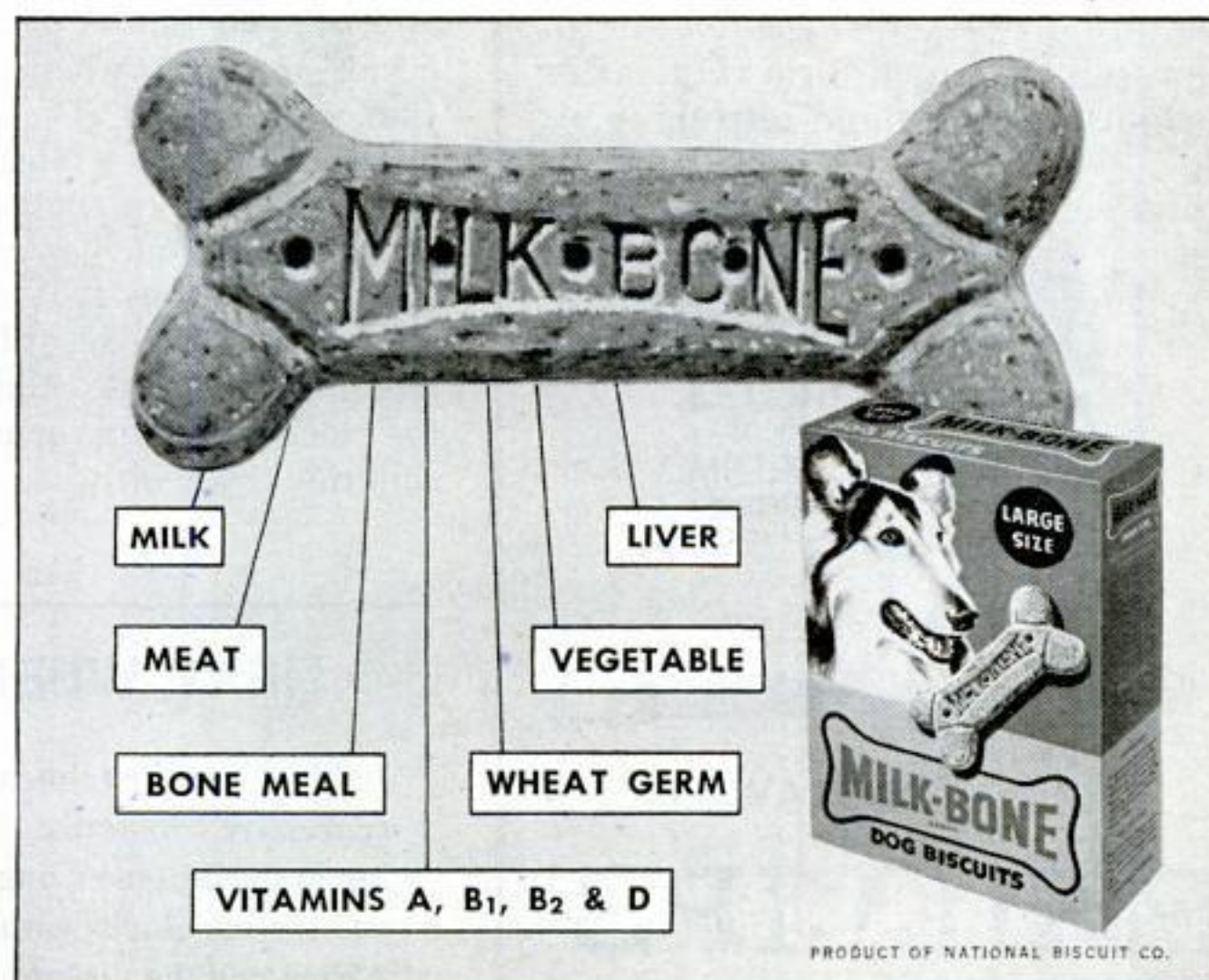
Gnawing a bone is second nature to a dog. He needs to chew, and knows it.

But bones are few in today's kitchens, and most bones that are available are not safe nor good for your dog. Therefore, the modern dog goes bone-hungry.

The answer is Milk-Bone, the biscuit that looks and chews like a bone—but provides far more nourishment, includ-

ing milk, meat, bone meal and vegetables. Unlike other biscuits, Milk-Bone contains *no* artificial flavors and *no* artificial colors.

Whatever else your dog eats, he *needs* Milk-Bone to satisfy his bone hunger. Get Milk-Bone in the size biscuit that suits your dog best—small, medium, or large.



**FOR MAIN MEALS—PAL DOG DINNER.** A new, scientifically tested complete dog food. High in protein—Tasty—Nutritious.



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"HALF-  
THERE"  
due to  
Upset  
Stomach?



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Scientific tests show that Phillips' Milk of Magnesia actually settles your stomach in seconds! That's because Phillips' is one of the fastest, most effective stomach acid neutralizers ever discovered!

So whenever upset stomach, gas, heartburn or other symptoms of acid indigestion have you feeling only "half-there", take Phillips' Milk of Magnesia right away. In almost no time at all you'll be back to normal—feeling bright and chipper again. Get Phillips'—either regular or in new, mint-flavored form that tastes delightfully clean and refreshing.



REGULAR OR FLAVORED

# PHILLIPS'

Milk of Magnesia

## AFRICA CONTINUED

the French that De Gaulle's government a few weeks ago agreed to let Guinea stay in the franc zone and to give it technical and "cultural" assistance. Last week France formally recognized the new nation.

Meanwhile the opposition to the Touré idea of federation has in effect vanished. Meeting at Dakar last week leaders of four of the former French West African territories—now the autonomous republics of Senegal, Upper Volta, Soudan and Dahomey—set up a "Primary West African Federation" within the new French Community. Houphouët is still in De Gaulle's cabinet but his prestige has taken a ruinous drop among Africans.

Where has this chess game left the French Community? The voting that was due to take place under the new constitution has been finished now, and all of the former territories have decided to become "autonomous republics" within the Community. The new political arrangement will go into operation soon—and then what?

Obviously much will depend upon how well the Community functions. But already some of the younger African leaders are finding fault with the new constitution. Watching the massive tide of nationalism in Africa, one suspects that Touré, who is only 36, will live to see most of French Black Africa agreeing to his plans for it.

As mentioned earlier, three other countries besides Nigeria are in the final stages of preparation for independence. None compares with Nigeria in importance, but each is likely to be much in the news during the next few years. A brief introduction to the three of them—Togo, Cameroon, and Somalia—is essential.

They have several things in common. All are United Nations Trust Territories, the first two taken from the Germans after World War I, the other taken from the Italians after World War II. Under the trusteeship system the administering power—France in the case of Togo and Cameroon, Italy in Somalia—was supposed to prepare them for eventual independence, and that time now presumably has come. Whether they are in fact ripe for independence may be another matter. They share a high rate of illiteracy and a low income: all have been supported by subsidies.

What the three most conspicuously share, however, is grievance over tribal separations. Only about 60% of the 2.25 million Somali people live in Somalia. The others are divided under four alien administrations, in French Somaliland, British Somaliland, Kenya and Ethiopia. Naturally a vigorous political movement has grown up to rectify this. It is called the Somali Youth League, and it can be expected to make the 1960 government a vehicle for Somali unification. There is a good chance for an agreement with the French, British and Kenyans, a very poor chance for one with the Ethiopians. Quite possibly—one could almost say probably—there will be an Ethiopian-Somali border war which will require intervention by a U.N. force.

In Togo, next door to Ghana, the great sore point is the division of the large, patriotic and intelligent Ewe (pronounced Eh-vay) tribe which is split almost half-and-half between Togo and Ghana. With the election last spring of Prime Minister Sylvanus E. Olympio of Ewe descent, it seemed briefly probable that Togo either would merge with Ghana or enter into an arrangement allowing the free passage of populations across the border. But relations between the two governments have subsequently grown very cool, and the "Ewe problem" promises to be a continuing source of rancor.

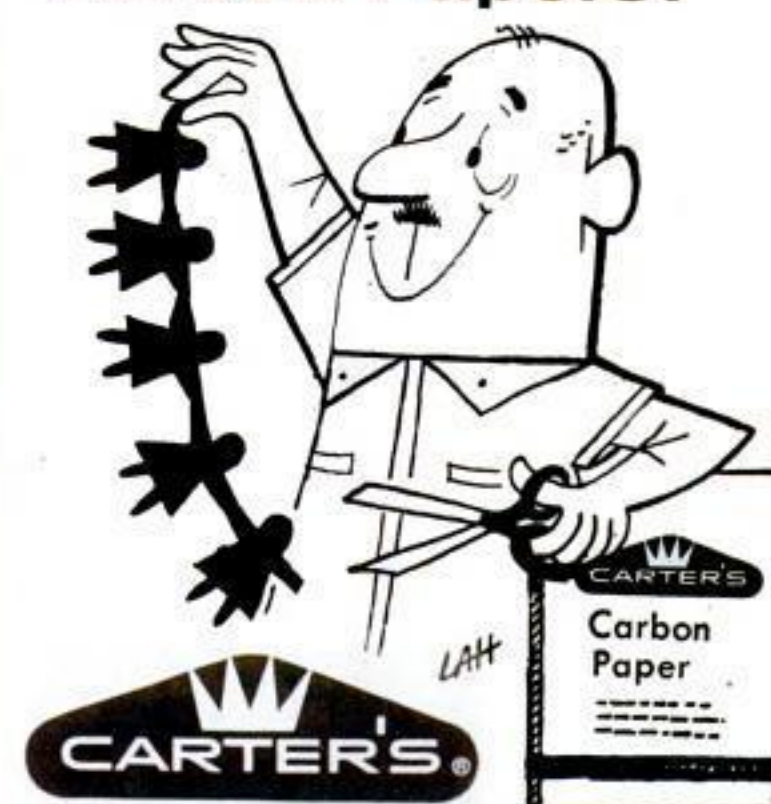
In Cameroon the tribal problem seems fairly certain to be settled peaceably. The contested area, which is administered as part of the Nigerian federation, will have a chance through a U.N. plebiscite to decide for itself whether to merge with Nigeria or with the new Cameroon nation. The plebiscite will probably be held this spring, and the odds favor Nigeria.

So far our tour has covered about half of Black Africa, embracing those nations that are either free or on the verge of freedom. There are vast areas still to be seen, and they will prove to be different in many ways. But in one sense they are the same: in all lands the black man is on the move, rushing he is not quite sure where, but shouting the great word *Uhuru!*—Freedom!

## NEXT WEEK: BEHIND THE RIOTS

In his second instalment next week Robert Coughlan analyzes the repressive colonialism which brought on this month's bloody rioting in the Belgian Congo and the resentment still festering in Kenya. He concludes with an appraisal of the white man's future in Africa and the threat of Communist penetration of the continent.

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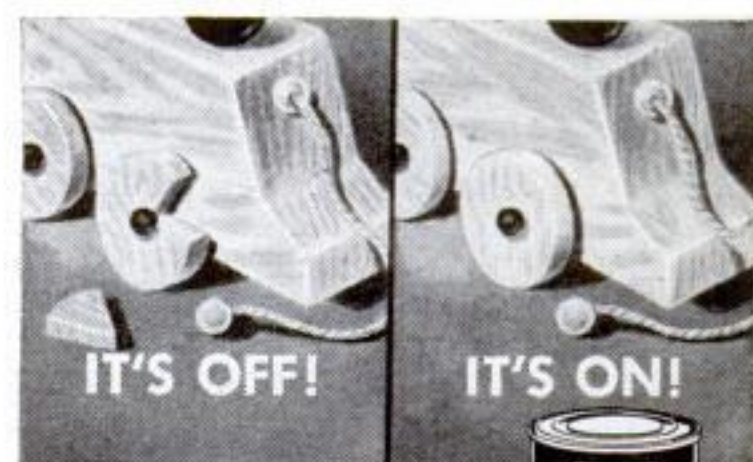
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## TOYS BROKEN?



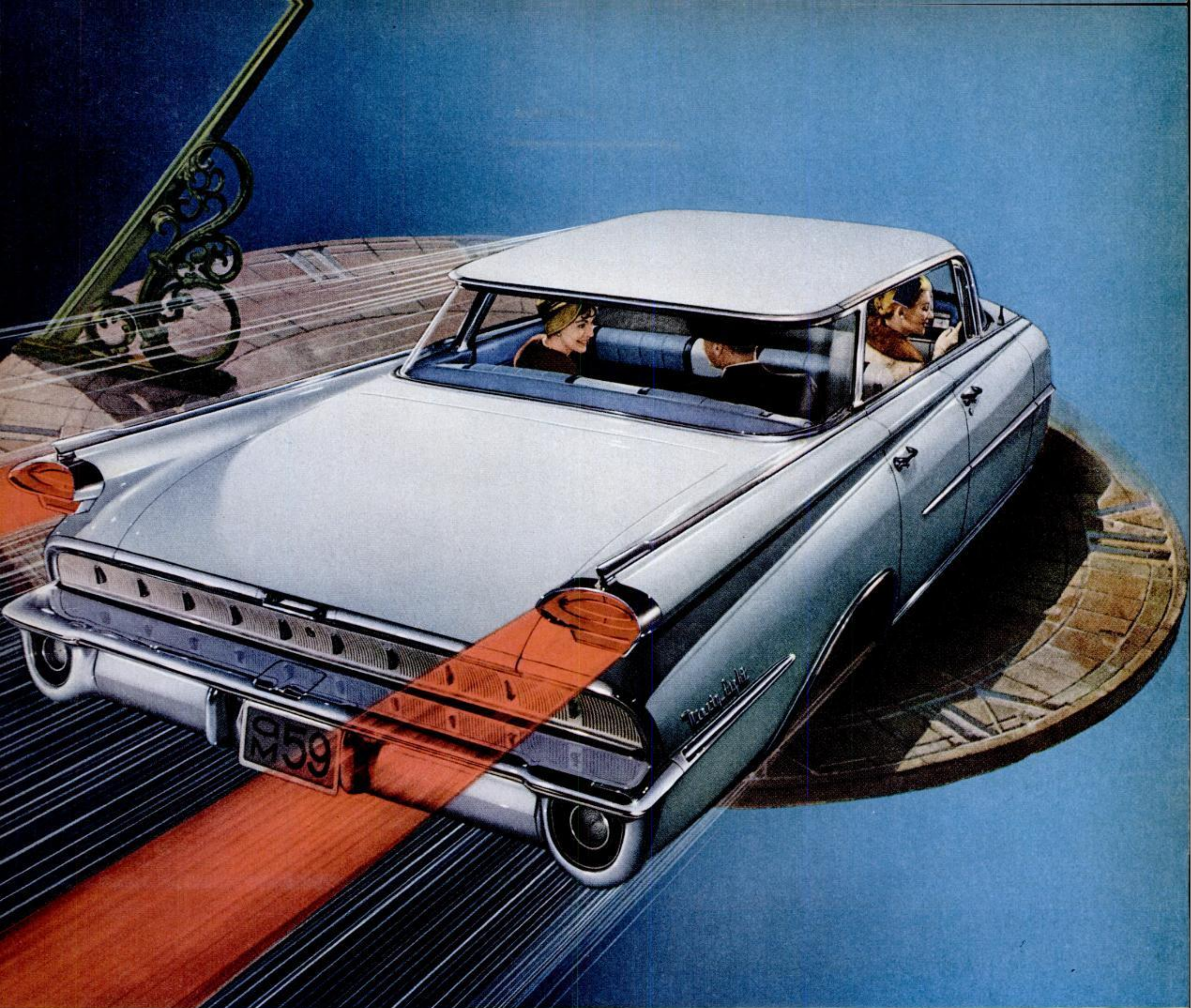
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You get all these exclusives, and many, many more, in a new "Time Proof" Body by Fisher—available only in the "GM Five": Chevrolet, Pontiac, Oldsmobile, Buick and Cadillac.

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# She never used to look beneath the surface

Last term I wouldn't have been caught dead peering through this microscope after class. That was only for squares; everyone else was watching the world go by from the soda fountain.

It took LIFE to make me realize how small my world was. How? In pictures and stories that got me interested in spite of myself. Like bugs. I used to dismiss them with an "ugh." But LIFE's series on Darwin was so lively, and LIFE's color pictures of insects he saw were so beautiful that I wanted to see them real close up. So, here I am.

Don't get me wrong. LIFE hasn't made me a square. But it has made me well rounded. Guess Dad knew it would when he got me the LIFE subscription. Guess it does for lots of kids...because most any week the gang is talking about some article in LIFE.



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# KEY-HOLDERS OPEN A NEW CLUBHOUSE



TOASTING CLUB IDOL, members in Chicago toast their mascot, Theodora statue, at Gaslight.



BEARING GIFTS, a replica of Theodora and tub of champagne, members leave Chicago for new club.



HIGH-SPIRITED HOSTESSES FROM NEW YORK DANCE BESIDE PLANE AFTER LANDING IN WASHINGTON

## Gaslight gangs gather for Washington whoop-up

For a lot of middle-aged escapists nothing could replace the privacy and fun of the old frat house—until the key club came along. A key club is a plush barroom where only dues payers are admitted. Inside it has an air of exclusivity and a lot of campus-type camaraderie, much cosier and classier than that of the old-fashioned, wide-open, sawdust-floored saloon. Until recently the most elegant of the keys were the Gaslight Clubs in Chicago and New York, where members paid \$50 for the lifelong right to pay \$1.35 a drink and have their drinks served by scantily clad waitresses.

Last week the Gaslight chain opened a new

chapter in Washington, D.C. in a sumptuously appointed three-bar house once owned by the grandson of Ulysses S. Grant. To initiate it into the chain, and give the new premises a high-spirited housewarming, 150 key-holding well-wishers boarded chartered planes to Washington. From Chicago they brought a replica of the statuary that has become the mascot of Gaslighters, and almost enough champagne to float it. From New York they brought Gaslight hostesses to teach the new girls how to wait on customers. "Men in the Gaslight have to behave," a pretty one said. "Some members have had their keys picked up for pinching."



# KEY CLUBS CONTINUED



**CAKE FOR ARCHITECT** honors the birthday of Paul Enten, who designed club at cost of \$75,000.



**LAUGH FROM OWNER** Burt Browne follows his own story that he built clubs to get a place to drink.



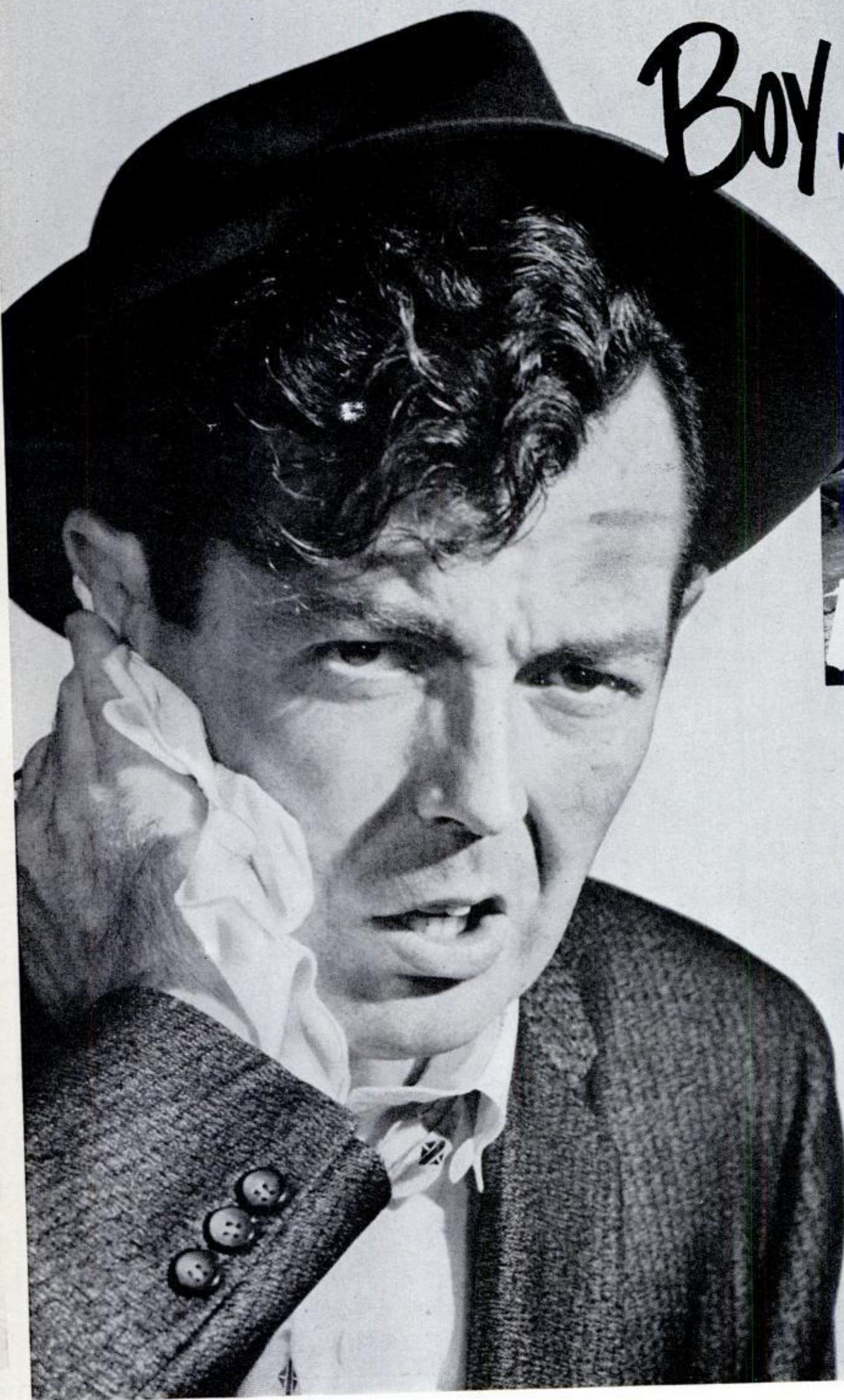
← **DRINKS ON THE HOUSE** for the 360 guests used up 45 cases of champagne served by hostesses.



**SONGS BY THE GIRLS** gave a Gay Twenties air to the opening. On request, girls do Charlestons.



Boy, Was I Lucky!



"I hit a big dip in the road, and the car came crashing down on its springs, bounced a couple of times, ran out of control and landed in a ditch.

"Funny thing, I was reading just the other day about how worn shock absorbers are dangerous. Shocks do more than give you a smooth ride. They actually help keep your car under control by preventing wheels from bouncing off the road. Worn shocks are sort of a *creeping* danger—they wear so gradually that you become accustomed to the increasingly rougher ride. And it usually takes a pileup like this to make you realize the danger.

"Well, I've learned my lesson. When I get my car fixed up I'm having a new set of Monroe-Matic shocks installed. Besides stabilizing the car, they prevent hard steering and extra tire wear. Might be a good idea to have your shocks checked today. Play safe."

### TAKE THE MONRO-MATIC 60-DAY FREE RIDE!

Have your service station, car dealer or repair shop install a set of Monroe-Matic shock absorbers on your car today. Try them for 60 days. If you're not fully satisfied, return them for a full refund and re-installation of your old shocks.

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**SHOCK  
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## FALL OF THE HOUSE OF INMAN

Sometimes no matter how hard you struggle to keep up the house the whole place starts falling to pieces. But the trouble with the great white mansion at the end of Portland, Oregon's Ross Island Bridge was not the upkeep. The house, which was built around the turn of the century by Robert Inman, one of Portland's early lumber barons, had been vacant in

recent years. Then a dairy nearby bought the property for a parking lot. Wreckers came along and hitched cables to the brick foundation of the house, pulled it down at one side with a tractor. By then it was quitting time and the workmen went off. When Photographer Dick Farris happened by early that evening the house was sitting there in a magnificent tumble.





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